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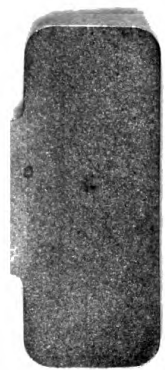


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NUMISMATIC LITERATURE

No. 119

March 1988



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

THE AMERICAN NUMISMATIC SOCIETY

Founded 1858 Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are twenty dollars. Issues of *Museum Notes*, the *Annual Report* and the quarterly *Newsletter* are distributed to all members.

PUBLICATIONS: *The American Numismatic Society Museum Notes* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals, and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to Members and the public from 9 A.M. to 4:30 P.M. on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 P.M. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24, and Christmas Day. The public exhibition is open from 10 A.M. to 4:30 P.M. on the fourth Friday and the fourth Saturday of November.

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CONTENTS

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Preface	v
Contributing Editors	vi
Guide for Abstractors	xi
Periodical Abbreviations	xiii
General	1
Technology and Methodology	7
Greek	10
Celtic	24
Punic	26
Etruscan	27
Iberian	28
Roman	30
Byzantine	50
Ancient Near East	54
Near and Middle East—Medieval and Modern	55
India	62
Far East	66
Africa—Medieval and Modern	81
Europe—Medieval and Modern	
Great Britain and Ireland	81
Western and Central Europe	82
Eastern Europe and the Balkans	108
The Americas	
United States	114
Canada	116
Mexico, Central and South America	117
Oceania	119
Medals and Decorations	120
Primitive Money	132
Paper Money	133
Tokens and Jetons	141
Reviews	145
Obituaries	150
Hoard List	151
Subject Index	152
Author Index	162

PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Each issue of *NL* is now paged separately, rather than consecutively within each issue, and an abstract can therefore be identified by the number together with the abstract number, for example, 81-1. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. At the end of each section is a list of numbered cross references to abstracts with related material in other sections. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcomed and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a Festschrift or Proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of the publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are removed from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

<i>AA</i>	<i>Archäologischer Anzeiger. Beiblatt zum Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, W. Germany.
<i>AAntiquaAcadSciHung</i>	<i>Acta Antiqua Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia, Klassika-Filológiai Közleményei, Budapest, Hungary.
<i>AArchAcadSciHung</i>	<i>Acta Archaeologica Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia Régészeti Közleményei, Budapest, Hungary.
<i>AArchCarpathica</i>	<i>Acta Archaeologica Carpathica.</i> Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>AArchLodziensia</i>	<i>Acta Archaeologica Lodziensia.</i> Łódzkie Towarzystwo Naukowe (Societas Scientiarum Lodziensis), Łódź, Poland.
<i>ABalt-Slav</i>	<i>Acta Baltico-Slavica.</i> Białostockie Towarzystwo Naukowe, Białystok, Poland.
<i>ABhandarkarOrResInst</i>	<i>Annals of the Bhandarkar Oriental Research Institute.</i> Poona, India.
<i>al-Abhath</i>	<i>al-Abhath.</i> American University of Beirut, Beirut, Lebanon.
<i>AbhBerlin</i>	<i>Abhandlungen.</i> Akademie der Wissenschaften, philosophisch-historische Klasse, Berlin, W. Germany.
<i>ÅBohuslänsHembygds</i>	<i>Årrskrift.</i> Bohusläns Hembygdsförbund, Uddevalla, Sweden.
<i>ABSA</i>	<i>Annual. British School at Athens.</i> London, England.
<i>AC</i>	<i>L'Antiquité Classique.</i> Louvain, Belgium.
<i>ACME</i>	<i>ACME.</i> Università degli Studi di Milano, Milan, Italy.
<i>ACR</i>	<i>Australian Coin Review.</i> Melbourne, Australia.
<i>ActaA</i>	<i>Acta Archaeologica.</i> Copenhagen, Denmark.
<i>ActaArch</i>	<i>Acta Archaeologica Academiae Scientiarum Hungariae.</i> Publishing House of the Hungarian Academia of Sciences, Budapest, Hungary.
<i>ActaArchLov</i>	<i>Acta Archaeologica Lovaniensia.</i> Louvain, Département Archeologie en Kunstgeschiedenis, Louvain, Belgium.

<i>Acta Num</i>	<i>Acta Numismatica</i> . Societat Catalana d'Estudis Numismàtics, Barcelona, Spain.
<i>ActaPraehistArch</i>	<i>Acta Praehistorica et Archaeologica</i> . Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte, Preussischer Kulturbesitz Berlin, the Ibero-Amerikanische Institut, and Staatlichen Museum, Berlin, E. Germany.
<i>ADelt</i>	<i>Archaiologikon Deltion</i> . Athens, Greece.
<i>AE</i>	<i>Arkheograficheskii Ezhegodnik</i> . Akademiia Nauk SSSR, Otdelenie Obshchestvennykh Nauk, Moscow, U.S.S.R.
<i>Aegyptus</i>	<i>Aegyptus</i> . Rivista Italiana de Egittologia e di papirologia. Milan, Italy.
<i>AF</i>	<i>Ausgrabungen und Funde</i> . Nachrichtenblatt für Vor- und Frühgeschichte. Akademie der Wissenschaften, Berlin, E. Germany.
<i>Afghan Studies</i>	<i>Afghan Studies</i> . London, England.
<i>Africa</i>	<i>Africa. Fouilles, Monuments et Collections Archéologiques en Tunisie</i> . République Tunisienne, Ministère des Affaires Culturelles et de l'Information, Institut National d'Archéologie et Arts, Tunis, Tunisia.
<i>AHHI</i>	<i>Alon Hahebra Hanumismatit Le'Israel</i> . Newssheet of the Israel Numismatic Society, Tel Aviv, Israel.
<i>AIB</i>	<i>Arkheologiia i Istorii Bospora</i> . Sbornik Statei. Gosudarstvennyi Kerchenskiĭ Istorikoarkheologicheskii Muzei imeni A.S. Pushkina, Simferopol, U.S.S.R.
<i>AIIN</i>	<i>Annali</i> . Istituto Italiano di Numismatica. Rome, Italy.
<i>AJA</i>	<i>American Journal of Archaeology</i> . Archaeological Institute of America, New York, New York, U.S.A.
<i>AK</i>	<i>Antike Kunst</i> . Vereinigung der Freunde Antiker Kunst, Basel, Switzerland.
<i>Al Quds al Sharif</i>	<i>Al Quds al Sharif</i> . Amman, Jordan.
<i>Alt-Thüringen</i>	<i>Alt-Thüringen</i> . Jahresschrift des Museums für Ur- und Frühgeschichte Thüringen. Weimar, W. Germany.
<i>AlteModKunst</i>	<i>Alte und Moderne Kunst</i> . Österreichische Fachzeitschrift des Marktes für Antiquitäten, Bilder, Kunstgegenstände Alter und Moderner Kunst. Vienna, Austria.
<i>Aluta</i>	<i>Aluta</i> . Muzeul Județean, Sfântu-Gheorghe, Romania.

<i>AM</i>	See <i>MDAI(A)</i> .
<i>Amgueddfa</i>	<i>Amgueddfa</i> . National Museum of Wales, Cardiff, Wales.
<i>Amphora</i>	<i>Amphora</i> . Bulletin du Cercle archéologique Amphora, Braine l'Alleud, Belgium.
<i>Ampurias</i>	<i>Ampurias</i> . <i>Revista de Arqueologia, Prehistoria y Etnologia</i> . Disputacion Provincial de Barcelona, Servicio de Investigaciones Arqueológicas, Barcelona, Spain.
<i>AMUGS</i>	<i>Antike Münzen und Geschnittene Steine</i> . Berlin, Germany.
<i>AMusNapocensis</i>	<i>Acta Musei Napocensis</i> . Muzeul de Istorie, Cluj, Romania.
<i>AMusPorol</i>	<i>Acta Musei Porolissensis</i> . Muzeul de Istorie și Artă, Zalău, Romania.
<i>AnalUnivBucurești</i>	<i>Analele Universității București. Științe Sociale, Seria Istorie</i> . Bucharest, Romania.
<i>AnalUnivCraiova</i>	<i>Analele Universității din Craiova. Seria Istorie, Geografie, Filologie</i> . Craiova, Romania.
<i>AncSoc</i>	<i>Ancient Society</i> . Seminary of Ancient History, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>AnInstIstArhCluj</i>	<i>Anuarul Institutului de Istorie și Arheologie Cluj-Napoca</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Filiala Cluj-Napoca, Cluj, Romania.
<i>ANJ</i>	<i>Australian Numismatic Journal</i> . Numismatic Society of South Australia, Adelaide, Australia.
<i>AnnaliFacLetFilo</i>	<i>Annali della Facoltà di Lettere e Filosofia</i> . Università degli Studi di Perugia, Perugia, Italy.
<i>AnnaliSNSPisa</i>	<i>Annali della Scuola Normale Superiore di Pisa</i> . Scuola Normale Superiore, Pisa, Italy.
<i>AnnABorsod</i>	<i>Annual of Archiv in Borsod</i> . Archiv of comitat Borsod, Miskolc, Hungary.
<i>AnnDAJ</i>	<i>Annual of the Department of Antiquities</i> . Amman, Jordan.
<i>AnnÉcPratHÉt</i>	<i>Annuaire de l'École Pratique des Hautes Études, IVème Section</i> . Paris, France.
<i>AnnHungNumSoc</i>	<i>Annual of the Hungarian Numismatic Society</i> . Budapest, Hungary.
<i>AnnMusNatArchPlovdiv</i>	<i>Annuaire du Musée National Archéologique, Plovdiv</i> . Plovdiv, Bulgaria.
<i>AnnOHMus</i>	<i>Annual of the Otto Herman Museum</i> . Otto Herman Museum, Miskolc, Hungary.
<i>AnnUnivPadova</i>	<i>Annali dell'Università di Padova. Facoltà di Economia e Commercio in Verona</i> . Verona,

	Italy.
<i>ANormandia</i>	<i>Annales de Normandie; Revue Trimestrielle d'Études Régionales</i> . Rouen, France.
<i>ANSMN</i>	<i>American Numismatic Society Museum Notes</i> . New York, New York, U.S.A.
<i>ANSNS</i>	See <i>NS</i> .
<i>Antemurale</i>	<i>Antemurale</i> . Institutum Historicum Polonicum Romae/Societas Polonica Scientiarum et Litterarum in Exteri Londinii, Rome, Italy/London, England.
<i>Antichthon</i>	<i>Antichthon</i> . Journal of the Australian Society for Classical Studies, Sydney, Australia.
<i>Antigua</i>	<i>Antigua</i> . Revista di Archeologia, architettura, urbanistica dalle origini al Medioevo. Rome, Italy.
<i>AntiqAfr</i>	<i>Antiquités Africaines</i> . Centre National de Recherche Scientifique, Paris, France.
<i>Antiquity</i>	<i>Antiquity. A Quarterly Review of Archaeology</i> . Gloucester, England.
<i>AntJ</i>	<i>Antiquaries' Journal. Journal of the Society of Antiquaries of London</i> . London, England.
<i>AOKW</i>	<i>Annalen van de Oudheidkundige Kring van het Land van Waas</i> . Sint-Niklaas-Waas, Belgium.
<i>APA</i>	<i>Acta Praehistorica et Archaeologica</i> . Berlin, W. Germany.
<i>Apulum</i>	<i>Apulum. Acta Musei Apulensis</i> . Alba Iulia, Romania.
<i>Aquilchiam</i>	<i>Aquileia chiama</i> . Associazione nazionale per Aquileia, Udine, Italy.
<i>Arabica</i>	<i>Arabica. Revue d'Études Arabes</i> . Leiden, Netherlands.
<i>ArchAeliana</i>	<i>Archaeologica Aeliana; or Miscellaneous Tracts Relating to Antiquities</i> . Society of Antiquaries, Newcastle-upon-Tyne, England.
<i>Archaeologia</i>	<i>Archaeologia; or Miscellaneous Tracts Relating to Archaeology</i> . Society of Antiquaries, London, England.
<i>Archaeology</i>	<i>Archaeology</i> . Archaeological Institute of America, New York, New York, U.S.A.
<i>Archaeometry</i>	<i>Archaeometry</i> . Research Laboratory for Archaeology and the History of Art, Oxford University, Oxford, England.
<i>Archaiologia</i>	<i>Archaiologia</i> . Lambrakis Press, Athens, Greece.
<i>ArchAnAth</i>	<i>Archaiologika Analekta ex Athēnōn</i> . Athens, Greece.
<i>ArchCambrensis</i>	<i>Archaeologia Cambrensis</i> . Cambrian Archaeological Association, London, England.
<i>ArchCantiana</i>	<i>Archaeologia Cantiana. Transactions of the Kent Ar-</i>

<i>ArchCl</i>	<i>archaeological Society</i> . London, England.
<i>ArchCypria</i>	<i>Archeologia Classica</i> . Università di Roma, Istituto di Archeologia, Rome, Italy.
<i>ArchEnviron</i>	<i>Archaeologia Cypria</i> . Annual of the Association of Cypriot Archaeologists, Nicosia, Cyprus.
<i>Archeologia</i>	<i>Archaeology and Environment</i> . Department of Archaeology, University of Umeå, Umeå, Sweden.
<i>Archéologie</i>	<i>Archeologia</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Warsaw, Poland.
<i>Archéonumis</i>	<i>Archéologie</i> . Centre National de Recherches Archéologiques en Belgique, Brussels, Belgium.
<i>ArchEphemeris</i>	<i>Archéonumis</i> . <i>Revue d'art, de numismatique et d'archéologie</i> . Société d'Informations Artistiques, Numismatiques et Archéologiques, Paris, France.
<i>ArchEspArq</i>	<i>Archaiologike Ephemeris</i> . Archaiologiki Hetairia en Athenais, Athens, Greece.
<i>ArchEurMedAev</i>	<i>Archivo Español de Arqueologia</i> . Instituto del Consejo Superior de Investigaciones Científicas, Madrid, Spain.
<i>ArchFrankGeschKunst</i>	<i>Archivum Eurasiae Medii Aevi</i> . Otto Harrassowitz, Wiesbaden, W. Germany.
<i>ArchHéraldSuisses</i>	<i>Archiv für Frankfurts Geschichte und Kunst</i> . Dr. Waldemar Kramer, Frankfurt-am-Main, W. Germany.
<i>ArchHistLev</i>	<i>Archives Héraldiques Suisses</i> . <i>Annuaire</i> . Lausanne, Switzerland.
<i>ArchJ</i>	<i>Archivo de Prehistoria Levantina</i> . Valencia, Spain.
<i>ArchJuives</i>	<i>The Archaeological Journal</i> . Royal Archaeological Institute of Great Britain and Ireland, London, England.
<i>ArchLaziale</i>	<i>Archives Juives</i> . <i>Cahiers de la Commission des Archives Juives</i> . Paris, France.
<i>ArchMedio</i>	<i>Archeologia Laziale</i> . Quaderni del Centro di Studi per l'Archeologia etrusco-italica, Consiglio Nazionale delle Ricerche, Rome, Italy.
<i>ArchNachrBaden</i>	<i>Archeologia Medioeva</i> . Gruppo Archeologico Romano, Rome, Italy.
<i>ArchPol</i>	<i>Archäologische Nachrichten aus Baden</i> . Baden, W. Germany.
	<i>Archeologia Polski</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.

<i>ArchPolona</i>	<i>Archaeologia Polona</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>Arch Rozhledy</i>	<i>Archeologické Rozhledy</i> . Archeologický Ústav, Československá Akademie Věd, Prague, Czechoslovakia.
<i>ArchSchlesische Kirchengesch</i>	<i>Archiv für Schlesische Kirchengeschichte</i> . Institut für Ostdeutsche Kirchen- und Kulturgeschichte, Hildesheim, W. Germany.
<i>ArchStorMess</i>	<i>Archivio Storico Messinese</i> . Società Messinese di Storia Patria, Messina, Italy.
<i>ArchStorSiciliaOrient</i>	<i>Archivio Storico per la Sicilia Orientale</i> . Società di Storia Patria, Catania, Sicily.
<i>ArchTriest</i>	<i>Archeografo Triestino</i> . Società del Gabinetto di Minerva, Trieste, Italy.
<i>ArchVenet</i>	<i>Archivio Veneto</i> . Deputazione di Storia Patria, Venice, Italy.
<i>ArchVeneta</i>	<i>Archeologia Veneta</i> . Società Archeologica Veneta, Padua, Italy.
<i>ArchViva</i>	<i>Archeologia Viva</i> . Arte e Natura editors, Florence, Italy.
<i>ArdenneFamenne</i>	<i>Ardenne et Famenne</i> . Embourg, Belgium.
<i>Arethusa</i>	<i>Arethusa</i> . State University of New York, Buffalo, New York, U.S.A.
<i>Argo</i>	<i>Argo</i> . Narodni Muzej, Ljubljana, Yugoslavia.
<i>ArhMoldovei</i>	<i>Arheologia Moldovei</i> . Institutul de Istorie și Arheologie, Iași, Romania.
<i>ArhivOlteniei</i>	<i>Arhivele Olteniei, Craiova</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România. Centru de Științe Sociale, Craiova, Romania.
<i>ArhV</i>	<i>Arheoloski Vestnik (Acta Archaeologica)</i> . Academia Scientiarum et Artium Slovenica, Ljubljana, Yugoslavia.
<i>Arkheologiia</i>	<i>Arkheologiia. Organ na Arkheologicheskiia Institut i Muzei pri B'lgarskata Akademiia na Naukite</i> . Sofia, Bulgaria.
<i>Arkhivi Ukr</i>	<i>Arkhivi Ukraini. Naukovo Informatsiiniĭ Biuleten' Arkhivnogo Upravliniia pri Radi Ministriv URSR</i> . Kiev, U.S.S.R.
<i>ArkKiev</i>	<i>Arkheologiia. Akademiia Nauk USSR, Institut Arkheologii, Kiev, U.S.S.R.</i>
<i>ArkOtkr</i>	<i>Arkheologicheskie Otkrytiia</i> [Archaeological Discoveries]. AN SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>ArkPamURSR</i>	<i>Arkheologichi Pamiatniki URSR</i> . Akademiia Nauk

	Ukrainskoï SSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>Armenian NJ</i>	<i>Armenian Numismatic Journal</i> . Armenian Numismatic Society, Pico Rivera, CA, U.S.A.
<i>Armenia Today</i>	<i>Armenia Today</i> . Armenian Society for Friendly and Cultural Ties with Foreign Countries, Erevan, U.S.S.R.
<i>ArqPort</i>	<i>Arqueólogo Português</i> . Lisbon, Portugal.
<i>Arrabona</i>	<i>Arrabona. A Györi Múzeum Évkönyve</i> . Györ, Hungary.
<i>Arse</i>	<i>Arse</i> . Sagunto, Spain.
<i>ARSRMemSectȘtiințIst</i>	<i>Academia Republicii Socialiste România, Memoriile Secției de Științe Istorice</i> . Series IVA. Bucharest, Romania.
<i>Årsskrift</i>	<i>Årsskrift</i> . Förening för bevarande af stadens minnen, Gamla Lund, Lund, Sweden.
<i>Aryana</i>	<i>Aryana</i> . Anjumani Tariki Afghanistan [Historical Society of Afghanistan], Kabul, Afghanistan.
<i>AS</i>	See <i>AnatStud</i> .
<i>ASECONUM</i>	<i>ASECONUM</i> . Asociación Española de Comerciantes de Numismática, Madrid, Spain.
<i>Asharq Al-Awsat</i>	<i>Asharq Al-Awsat</i> . Arabic daily, London, England.
<i>ASocArchNamur</i>	<i>Annales de la Société Archéologique de Namur</i> . Namur, Belgium.
<i>ASocSciLittCannes</i>	<i>Annales de la Société Scientifique Littéraire de Cannes et de l'Arrondissement de Grasse</i> . Cannes, France.
<i>Atacina</i>	<i>Atacina</i> . Laboratoire de préhistoire et de paléontologie, Dépôt de fouilles préhistoriques, Carcassonne, France.
<i>Athenaeum</i>	<i>Athenaeum; Studi Periodici di Letteratura e Storia dell'Antichità</i> . Università di Pavia, Amministrazione di Athenaeum, Pavia, Italy.
<i>AthMitt</i>	See <i>MDAI[A]</i> .
<i>Atiqot</i>	<i>Atiqot</i> . Department of Antiquities, Jerusalem, Israel.
<i>AttiAccadSciBologna</i>	<i>Atti dell'Scienze di Bologna. Rendiconti</i> . Accademia delle Scienze di Bologna, Bologna, Italy.
<i>AttiIstVeneto</i>	<i>Atti. Istituto Veneto di Scienze, Lettere ed Arti</i> . Venice, Italy.
<i>AttiMem</i>	<i>Atti e memorie</i> . Deputazione di storia patria per le Marche, Ancona, Italy.
<i>AttiMemSocMagnaGrecia</i>	<i>Atti e Memorie della Società Magna Grecia</i> . Rome, Italy.

<i>AttiMemSocTiburtina</i>	<i>Atti e Memorie della Società Tiburtina di Storia e d'Arte</i> . Accademia degli Agevoli/Colonia degli Arcadi Sibillini, Tivoli, Italy.
<i>AttiMemStorPatModen</i>	<i>Atti e Memorie della Deputazione di Storia Patria per le Antiche Province Modenesi</i> . Aedes Muratoriana, Modena, Italy.
<i>AttiSocLigStorPatria</i>	<i>Atti della Società Ligure di Storia Patria</i> . Deputazione di Storia Patria per la Liguria, Genoa, Italy.
<i>Augur</i>	<i>The Augur</i> . Biblical Numismatic Society, Beverly Hills, California, U.S.A.
<i>Auvergne Litt</i>	<i>L'Auvergne Littéraire, Artistique et Historique</i> . Clermont-Ferrand, France.
<i>AV</i>	<i>Annales Valaisannes</i> . Société d'Histoire du Valais Romand, Saint-Maurice, Switzerland.
<i>AylikAnsikDergi</i>	<i>Aylik Ansiklopedik Dergi</i> . Istanbul, Turkey.
<i>AzÉrem</i>	<i>Magyar Éremgyűjtők Egyesülete</i> . Association of the Hungarian Coin Collectors, Budapest, Hungary.
<i>BA</i>	<i>Bollettino d'Arte del Ministero della Pubblica Istruzione</i> . Rome, Italy.
<i>BAA</i>	<i>British Archaeological Abstracts</i> . Council for British Archaeology, London, England.
<i>BAcadRoyBelg</i>	<i>Bulletin de la Classe des Lettres et des Sciences Morales et Politiques, Académie Royale de Belgique</i> . Brussels, Belgium.
<i>BadHersfelder Jh</i>	<i>Bad Hersfelder Jahreshft</i> . Hersfeld, W. Germany.
<i>Balkan Stud</i>	<i>Balkan Studies</i> . Institute for Balkan Studies, Thessalonica, Greece.
<i>Banatica</i>	<i>Banatica</i> . Comitetul de Cultură Socialista al Județului Caraș Severin, Muzeul Județean, Reșița, Romania.
<i>BanbErevHamal</i>	<i>Banber Erevani Hamalsarani—Vestnik Erevanskogo Universiteta</i> . Erevan, U.S.S.R.
<i>Bancoposten</i>	<i>Bancoposten</i> . Stockholm, Sweden.
<i>Bankovka</i>	<i>Bankovka: Informační Bulletin Klubu Sběratelů Papirových Platidel Numismatické Společnosti Československé</i> . Prague, Czechoslovakia.
<i>BankSudanEcFinBull</i>	<i>Bank of Sudan Economic and Financial Bulletin</i> . Bank of Sudan, Economics Department, Khartoum, Sudan.
<i>Bankszemle</i>	<i>Bankszemle</i> . Hungarian National Bank, Budapest, Hungary.
<i>Barilla</i>	<i>Barilla</i> . Central Bank Money Museum, Manila, Philippine Islands.
<i>BASOR</i>	<i>Bulletin of the American Schools of Oriental Research</i> . American Schools of Oriental Research,

	Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>Bayerland</i>	<i>Bayerland</i> . Munich, W. Germany.
<i>BayerVorgeschbl</i>	<i>Bayerische Vorgeschichtsblätter</i> . Bayerischen Akademie der Wissenschaften, Kommission für bayerische Landesgeschichte, Munich, W. Germany.
<i>BdN</i>	<i>See BollNum</i> .
<i>BCASicilia</i>	<i>BCA Sicilia</i> . Regione Siciliana, Assessorato ai Beni Culturali e Ambientali e alla Pubblica Istruzione, Palermo, Italy.
<i>BCH</i>	<i>Bulletin de Correspondance Hellénique</i> . École Française d'Athènes, Paris, France.
<i>BCTH</i>	<i>Bulletin archéologique du Comité des travaux historiques et scientifiques</i> . Paris, France.
<i>BEcCamCommercRavenna</i>	<i>Bollettino Economico</i> . Camera di Commercio, Industria, Artigianato e Agricoltura di Ravenna, Ravenna, Italy.
<i>BeitrDeutschVolksAlttertums-kunde</i>	<i>Beiträge zur Deutschen Volks- und Alttertums-kunde</i> . Museum für Hamburgische Geschichte, Hamburg, W. Germany.
<i>BeitrNordhausen</i>	<i>Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen</i> . Nordhausen, East Germany.
<i>Belgeler</i>	<i>Belgeler</i> [Documents]. Türk Tarih Kurumu Basımevi, Ankara, Turkey.
<i>Belgelerle Türk Tarihi Dergisi</i>	<i>Belgelerle Türk Tarihi Dergisi</i> . Ayluk Tarih ve Kültür Dergisi, Istanbul, Turkey.
<i>Belleten</i>	<i>Belleten</i> . Türk Tarih Kurumu Basımevi, Ankara, Turkey.
<i>Berichte</i>	<i>Der Münzen- und Medaillensammler. Berichte aus allen Gebieten der Münzen- und Medaillenkunde</i> . Freiburg im Breisgau, W. Germany.
<i>Berkshire ArchJ</i>	<i>Berkshire Archaeological Journal</i> . Berkshire Archaeological and Architectural Society, Reading, England.
<i>Berliner NumZ</i>	<i>Berliner Numismatische Zeitschrift</i> . Numismatische Gesellschaft zu Berlin, Berlin, W. Germany.
<i>BerStaatDenkmalpf Saarland</i>	<i>Bericht der Staatlichen Denkmalpflege in Saarland. Beiträge zur Archäologie und Kunstgeschichte</i> . Staatliches Konservatoramt, Saarbrücken, W. Germany.
<i>Berytus</i>	<i>Berytus</i> . American University of Beirut, Museum of Archaeology, Beirut, Lebanon.
<i>BethHamikra</i>	<i>Beth Hamikra. Bulletin of the Israel Society for Biblical Research and the World Jewish Biblical Society</i> . Jerusalem, Israel.
<i>BÉtOrient</i>	<i>Bulletin d'Études Orientales</i> . Institut Français de

	Damas, Damascus, Syria.
<i>BiblArch</i>	<i>Biblical Archaeologist</i> . American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>BiblÉcChartes</i>	<i>Bibliothèque de l'École des Chartes</i> . Paris, France.
<i>BiblHistVaudoise</i>	<i>Bibliothèque Historique Vaudoise</i> . Société Historique Vaudoise, Lausanne, Switzerland.
<i>BiblOrient</i>	<i>Bibliotheca Orientalis</i> . Nederlands Instituut voor het Nabije Oosten, Leiden, The Netherlands.
<i>BickelCMN</i>	<i>Bickel's Coin and Medal News</i> . Munt en Medaljenuus. Johannesburg, S. Africa.
<i>Bild der Wissenschaft</i>	<i>Bild der Wissenschaft</i> . Zeitschrift über die Wissenschaften und die Technik in Unserer Zeit. Stuttgart, W. Germany.
<i>BInfZakNarod</i>	<i>Biuletyn Informacyjny Zakładu Narodowego Ossolińskich Biblioteki Polskiej Akademii Nauk</i> . Wrocław, Poland.
<i>BiulInforZarMuz</i>	<i>Biuletyn Informacyjny Zarządu Muzeów i Ochrony Zabytków</i> . Board of Museums and Preservation of Monuments of the Ministry of Culture and Art in Poland.
<i>BiulŻydowskiego InstHist</i>	<i>Biuletyn Żydowskiego Instytutu Historycznego</i> . Warsaw, Poland.
<i>BlDeutscheLandesgesch</i>	<i>Blätter für Deutsche Landesgeschichte</i> . Gesamtverein der Deutschen Geschichts- und Altertumsvereine, Wiesbaden, W. Germany.
<i>BMadagascar</i>	<i>Bulletin de Madagascar</i> . Service Général de l'Information, Tananarive, Madagascar.
<i>BMemSocArchBordeaux</i>	<i>Bulletin et Mémoires de la Société Archéologique de Bordeaux</i> . Bordeaux, France.
<i>BMNB</i>	<i>Bulletin du Musée National de Burgas</i> . Burgas, Bulgaria.
<i>BMQ</i>	<i>British Museum Quarterly</i> . London, England.
<i>BMusBeyrouth</i>	<i>Bulletin</i> . Musée National Libanais, Beirut, Lebanon. Paris, France.
<i>BN</i>	<i>Biuletyn Numizmatyczny</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>BNJ</i>	<i>British Numismatic Journal Including the Proceedings of the British Numismatic Society</i> . London, England.
<i>BNR</i>	<i>Bank Note Reporter</i> . Citra, Florida, U.S.A.
<i>BolArq</i>	<i>Boletín Arqueológico de Tarragona</i> . Sociedad Arqueológica Tarraconensis, Tarragona, Spain.
<i>BolInstNumHistSan Nicolas</i>	<i>Boletín</i> . Instituto de Numismática e Historia de

<i>BollCircNumNapoletano</i>	San Nicolas de los Arroyos, Argentina. <i>Bollettino del Circolo Numismatico Napoletano</i> . Naples, Italy.
<i>Boll d'Info</i>	<i>Bollettino d'informazioni</i> . Scuola Normale Superiore, Pisa, Italy.
<i>BollN</i>	<i>Bollettino Numismatico di Luigi Simonetti</i> . Florence, Italy.
<i>BollNum</i>	<i>Bollettino di Numismatica</i> . Ministero per i Beni Culturali, Istituto Poligrafico e Zecca dello Stato, Rome, Italy.
<i>BolNumBrasil</i>	<i>Boletim de Numismatica</i> . Sociedade Numismatica Brasileira, São Paulo, Brazil.
<i>BolSemEstArteArq</i>	<i>Boletin del Seminario de Estudios de Arte y Ar- queologia</i> . Valladolid, Spain.
<i>Bonner Jb</i>	<i>Bonner Jahrbücher</i> . Verein von Alter- tumsfreunden im Rheinlande, Rheinisches Landesmuseum, Bonn, W. Germany.
<i>Boreas</i>	<i>Boreas Münstersche Beiträge zur Archäologie</i> . Münster, W. Germany.
<i>BornholmSam</i>	<i>Bornholmske Samlinger</i> . Rønne, Denmark.
<i>BQ</i>	<i>Banknote Quarterly</i> . London, England.
<i>Brabantse Folklore</i>	<i>De Brabantse Folklore</i> . Dienst voor Geschiedkun- dige en Folkloristische Opzoekingen van de Provincie Brabant, Brussels, Belgium.
<i>Braničevo</i>	<i>Braničevo</i> . Narodni Universitet u Požarevac, Požarevac, Yugoslavia.
<i>BRealAcad</i>	<i>Boletin de la Real Academia de Historia</i> . Madrid, Spain.
<i>Britannia</i>	<i>Britannia</i> . Society for Promotion of Roman Studies, London, England.
<i>BSA</i>	See <i>ABSA</i> .
<i>BSEAA</i>	<i>Boletín del Seminario de Estudios de Arte y Ar- queología</i> . Universidad de Valladolid, Valladolid, Spain.
<i>BSFN</i>	<i>Bulletin de la Société Française de Numismatique</i> . Cabinet des Médailles de la Bibliothèque Nationale, Paris, France.
<i>BSNR</i>	<i>Buletinul Societății Numismatice Române</i> . Bucharest, Romania.
<i>BSOAS</i>	<i>Bulletin of the School of Oriental and African Studies</i> . University of London, London, England.
<i>BSocArchEure-et-Loir</i>	<i>Bulletin des Sociétés d'Études d'Eure-et-Loire</i> . Char- tres, France.
<i>BSocArchHCH</i>	<i>Bulletin de la Société archéologique et historique des Hauts Cantons de l'Herault</i> . La Société ar- chéologique et historique des Hauts Cantons de l'Herault. Bédarieux (Herault), France.

<i>BSocÉtSciAude</i>	<i>Bulletin de la Société d'Études Scientifiques de l'Aude.</i> Carcassonne, France
<i>BSocLittHistBrie</i>	<i>Bulletin de la Société Littéraire et Historique de la Brie.</i> Meaux, France.
<i>București</i>	<i>București.</i> Muzeul de Istorie a Municipului București, Bucharest, Romania. See also <i>MatIstMuzBucurești.</i>
<i>Budapest Rég</i>	<i>Budapest Régiségi.</i> Budapest Történeti Múzeum, Budapest, Hungary.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale</i> <i>in Roma.</i> L'Erma, Roma, Italy.
<i>BullStorPistoiese</i>	<i>Bullettino Storico Pistoiese.</i> Società Pistoiese di Storia Patria, Pistoia, Italy.
<i>BulMusNat Varna</i>	<i>Bulletin du musée national à Varna.</i> Varna, Bulgaria.
<i>Bülten TurkNumSoc</i>	<i>Bülten.</i> The Turkish Numismatic Society, Istanbul, Turkey.
<i>BullAIÉtSEEur</i>	<i>Bulletin de l'Association Internationale des Études du</i> <i>Sud-Est Européen.</i> Bucharest, Romania.
<i>BullArchAlg</i>	<i>Bulletin d'Archéologie Algérienne.</i> République Algérienne, Ministère de l'Information et de la Culture, Direction des Beaux Arts, Alger, Algeria.
<i>BullArchMaroc</i>	<i>Bulletin d'Archéologie Marocaine.</i> Royaume de Maroc, Ministère de la Culture, Direction des Monuments et des Antiquités, Rabat, Morocco.
<i>BullCercArchHesbayeCondroz</i>	<i>Bulletin du Cercle Archéologique Hesbaye-Condroz.</i> Amay, Belgium.
<i>BullClFranMed</i>	<i>Bulletin Club Français de la Médaille.</i> Paris, France.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale</i> <i>in Roma.</i> L'Erma, Rome, Italy.
<i>BullCommArchNarbonne</i>	<i>Bulletin de la Commission Archéologique de Narbonne.</i> Narbonne, France.
<i>Bulletin</i>	<i>Bulletin.</i> Central Bank of Tunisia, Tunis, Tunisia.
<i>BullHistMetalGroup</i>	<i>Bulletin of the Historical Metallurgy Group.</i> Iron and Steel Institute, London, England.
<i>BullInst</i>	<i>Bulletin of the Institute of Archaeology of the Univer-</i> <i>sity of London.</i> London, England.
<i>BullInstArchLiégeois</i>	<i>Bulletin de l'Institut Archéologique Liégeois.</i> Liège, Belgium.
<i>BullInstÉgypt</i>	<i>Bulletin de l'Institut d'Égypte.</i> Cairo, Egypt.
<i>BullMusArchUP</i>	<i>Bulletin of Museums and Archaeology in U.P.</i> Lucknow, India.
<i>BullSocÉtLot</i>	<i>Bulletin de la Société des Études du Lot.</i> Cahors,

<i>BullSocNatAntFrance</i>	France. <i>Bulletin de la Société Nationale des Antiquaires de France.</i> Palais du Louvre, Paris, France.
<i>BulMonIst</i>	<i>Buletinul Monumentelor Istorice.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>Buridava</i>	<i>Buridava. Studii și materiale.</i> Muzeul Județean Vâlcea, Râmnicu Vâlcea, Romania.
<i>Byminner</i>	<i>Byminner.</i> Oslo, Norway.
<i>Byzantina</i>	<i>Byzantina.</i> Annual Review of the Center for Byzantine Studies of the School of Philosophy, University of Thessaloniki, Thessaloniki, Greece.
<i>Byzantion</i>	<i>Byzantion. Revue Internationale des Études Byzantines.</i> Société Belge d'Études Byzantines, Brussels, Belgium.
<i>Byz-bulg</i>	<i>Byzantinobulgarica.</i> B'lgarska Akademifia na Naukite, Institut za Istorifia, Sofia, Bulgaria.
<i>ByzForsch</i>	<i>Byzantinische Forschungen.</i> Amsterdam, Netherlands.
<i>Byz-slav</i>	<i>Byzantinoslavica. Sbornik pro studium byzant-skoslovanských vztahů.</i> Prague, Czechoslovakia.
<i>BZ</i>	<i>Byzantinische Zeitschrift.</i> Munich, W. Germany.
<i>Caesaraugusta</i>	<i>Caesaraugusta; publicaciones del Seminario de Arqueología y Numismática Aragonensas.</i> Institución "Fernando el Católico," Saragossa, Spain.
<i>CahAnnNorm</i>	<i>Cahiers des Annales de Normandie.</i> Caen, France.
<i>CahArchHistBerry</i>	<i>Cahiers d'Archéologie et d'Histoire du Berry.</i> Bourges, France.
<i>CahArchMidi-Pyr</i>	<i>Cahiers archéologiques de Midi-Pyrénées.</i> Musée Saint-Raymond, Toulouse, France.
<i>CahBourscheid</i>	<i>Les Cahiers de Bourscheid.</i> Les Amis du Château du Bourscheid A.D.B.L., Bourscheid, Grand-Duchy of Luxembourg.
<i>CahCivMed</i>	<i>Cahiers de Civilisation Médiévale.</i> Université de Poitiers, Centre d'Études Supérieures de Civilisation Médiévale, Poitiers, France.
<i>CahHistMond</i>	<i>Cahiers d'Histoire Mondiale. Journal of World History. Cuadernos de Historia Mundial.</i> Commission Internationale pour une Histoire du Développement Scientifique et Culturel de l'Humanité, Neuchatel, Switzerland.
<i>CahN</i>	<i>Cahiers Numismatiques. Bulletin de la Société d'Études Numismatiques et Archéologiques.</i> Paris, France.
<i>CahRené de Lucinge</i>	<i>Cahiers René de Lucinge.</i> Ambérieu, France.

<i>Cah Tunisie</i>	<i>Cahiers de Tunisie. Revue des Sciences Humaines.</i> Institut des Hautes Études, Tunis, Tunisia.
<i>CalcoinN</i>	<i>Calcoin News.</i> California State Numismatic Association, Colton, California, U.S.A.
<i>Cal-Neva TL</i>	<i>Cal-Neva Token Ledger.</i> Visalia, California, U.S.A.
<i>CAntiqFPL</i>	<i>Coins and Antiquities Ltd. [Fixed Price List].</i> London, England. Succeeds <i>Crowther FPL</i> .
<i>Carinthia</i>	<i>Carinthia. Mitteilungen des Geschichtsverein für Kärnten.</i> Klagenfurt, Austria.
<i>Carpica</i>	<i>Carpica.</i> Muzeul de Istorie, Bacău, Romania.
<i>Carrell</i>	<i>The Carrell. Journal of the Friends of the University of Miami Library.</i> Coral Gables, Florida, U.S.A.
<i>CartArchGDLux</i>	<i>Carte Archéologique du Grand-Duché de Luxembourg.</i> Rosport, Luxembourg.
<i>Casana</i>	<i>La Casana.</i> Casa di Risparmio di Genova e Imperia, Genoa, Italy.
<i>ČasMoravMuz</i>	<i>Časopis Moravského Muzea.</i> Moravské Muzeum v Brně, Brno, Czechoslovakia.
<i>ČasNárodMuz</i>	<i>Časopis Národního Muzea. Historické Muzeum Ročník.</i> Národní Muzeum, Prague, Czechoslovakia.
<i>ČasSlezskéMuz</i>	<i>Časopis Slezského Muzea.</i> Slezské Muzeum Opava, Opava, Czechoslovakia.
<i>CC</i>	<i>The Currency Collector.</i> World Paper Currency Collectors, Altadena/Pasadena, CA, U.S.A.
<i>CCN</i>	<i>Canadian Coin News.</i> Muskoka Community Newspapers Inc., Bracebridge, Ontario, Canada.
<i>Ceca de Caracas</i>	<i>Ceca de Caracas.</i> Asociación Venezolana de Numismáticos, Caracas, Venezuela.
<i>CENB</i>	<i>Cercle d'Études Numismatiques. Bulletin.</i> Brussels, Belgium.
<i>CentAsiaJ</i>	<i>Central Asiatic Journal. International Periodical for the Languages, Literature, History and Archaeology of Central Asia.</i> Deutschen Forschungsgemeinschaft, The Hague, The Netherlands.
<i>CercetArhBucurești</i>	<i>Cercetări arheologice în București.</i> Muzeul de istorie a municipiului București, Bucharest, Romania.
<i>CercetIst</i>	<i>Cercetări Istorie.</i> Muzeul de Istorie al Moldovei, Iași, Romania.
<i>CercetNum</i>	<i>Cercetări Numismatice.</i> Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>ČeskČasHist</i>	<i>Československý Časopis Historický.</i> Ústav

	Československých a Světových Dějin [Institute of Czechoslovak and World History], Prague, Czechoslovakia.
<i>ČeskýLid</i>	<i>Český Lid</i> . Jedrotný svaz Českých Zemědělců, Prague, Czechoslovakia.
<i>CFM</i>	<i>Club Français de la Médaille</i> . Administration des Monnaies et Médailles, Hôtel de la Monnaie, Paris, France.
<i>Chiron</i>	<i>Chiron</i> . Kommission für Alte Geschichte und Epigraphik des Deutschen Archäologischen Institutes, Munich/Berlin, W. Germany.
<i>CM</i>	<i>Coins, Incorporating Coins and Medals</i> . Croydon, England.
<i>CM Annual</i>	<i>Coins Annual</i> . Croydon, England.
<i>CMC</i>	<i>Coins, Medals and Currency Weekly</i> . London, England.
<i>CMCD</i>	<i>Coins, Medals and Currency Digest and Monthly Catalogue</i> . London, England.
<i>CMN</i>	<i>Coin and Medal News</i> . (Formerly <i>Coins and Medals [CM]</i> .) London, England.
<i>CMonth</i>	<i>Coin Monthly</i> . Brentwood, England.
<i>CN</i>	<i>Calcoin News</i> . Quarterly Magazine of the California State Numismatic Association. Berkeley, California, U.S.A.
<i>CNJ</i>	<i>Canadian Numismatic Journal</i> . Canadian Numismatic Association, Willowdale, Ontario, Canada.
<i>COINage</i>	<i>Coinage</i> . Encino, CA, U.S.A.
<i>Coin Hoards</i>	<i>Coin Hoards</i> . Royal Numismatic Society, London, England.
<i>Coin Rev</i>	<i>Coin Review</i> . Bimonthly Bulletin of the Numismatic Society of India, Varanasi, India.
<i>Coins</i>	<i>Coins</i> . Iola, WI, U.S.A.
<i>CollAmisHist</i>	<i>Collection des Amis de l'Histoire</i> . Association des Amis de l'Histoire, Luxembourg.
<i>CollFr</i>	<i>Le Collectionneur Français</i> . Paris, France.
<i>ColN</i>	<i>Colonial Newsletter</i> . Huntsville, AL, U.S.A.
<i>CommBiblHistMedHungar</i>	<i>Communicationes ex Bibliotheca Historiae Medicae Hungarica</i> . Semmelweis Museum and Library of Medical History, Budapest, Hungary.
<i>CommHistArtMed</i>	<i>Communicationes de Historia Artis Medicinae</i> . Formerly <i>CommBiblHistMedHungar</i> .
<i>Connoisseur</i>	<i>Connoisseur</i> . London, England.
<i>Contrebis</i>	<i>Contrebis</i> . Lancaster Archaeological Society, Lancaster, England.

<i>Cornish Arch</i>	<i>Cornish Archaeology</i> . Cornwall Archaeological Society, Camborne, England.
<i>Cornucopiae</i>	<i>Cornucopiae</i> . The Ancient Coin Society, Toronto, Canada.
<i>Corse Hist</i>	<i>Corse Historique. Études et Documents</i> . Ajaccio, Corsica.
<i>CPMJ</i>	<i>Canadian Paper Money Journal</i> . Canadian Paper Money Society, Vancouver, Canada.
<i>CR</i>	<i>Classical Review</i> . Classical Association, London, England.
<i>CRAI</i>	<i>Comptes-rendus de l'Académie des Inscriptions et Belles-Lettres</i> . Paris, France.
<i>CrestPatrMuzBul</i>	<i>Creșterea Patrimoniului Muzeal. Buletin</i> . Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>Crisia</i>	<i>Crisia. Culegere de materiale și studii</i> . Institutul Pedagogic Oradea, Facultatea de Istorie-Geografie, Oradea, Romania.
<i>CrowtherFPL</i>	<i>D. J. Crowther Ltd. [Fixed Price List]</i> . London, England. See also <i>CAntiqFPL</i> .
<i>CSAN</i>	<i>Coin, Stamp and Antique News</i> . Toronto, Canada.
<i>CSC</i>	<i>Coins, Stamps and Collecting. Incorporating Coins, Medals and Currency Weekly</i> . London, England.
<i>CT</i>	<i>The Canadian Token</i> . Canadian Association of Token Collectors, Hamilton, Ontario, Canada.
<i>CuadNum</i>	<i>Cuadernos de Numismática</i> . Madrid, Spain.
<i>CuadPARqCast</i>	<i>Cuadernos de Prehistoria y Arqueología Castellonense</i> . Disputacion Provincial de Castellon de la Plana, Departamento de Arqueología, Castelon de la Plana, Spain.
<i>Cuenca</i>	<i>Cuenca</i> . Museum of Cuenca, Diputacion Provincial de Cuenca, Cuenca, Spain.
<i>CulStudCercBrașov</i>	<i>Culegere de Studii și Cercetări</i> . Muzeul Regional, Brașov, Romania.
<i>Cumania</i>	<i>Cumania</i> . Acta Museorum ex Comitatu Bács-Kiskun, Kecskémet, Hungary.
<i>Cumidava</i>	<i>Cumidava. Culegere de Studii și Cercetări</i> . Muzeul Județean, Brașov, Romania.
<i>Cunobelin</i>	<i>Cunobelin. Yearbook of the British Association of Numismatic Societies</i> . Leeds, England.
<i>CurrSci</i>	<i>Current Science</i> . Current Science Association, Raman Research Institute, Bangalore, India.
<i>CW</i>	<i>Coin World</i> . Sidney, OH, U.S.A.
<i>Dacia</i>	<i>Dacia. Revue d'Archéologie et d'Histoire Ancienne</i> .

	Académie des Sciences Sociales et Politiques de la République Socialiste de Roumanie, Institut d'Archéologie, Bucharest, Romania.
<i>Dal'niĭ Vostok</i>	<i>Dal'niĭ Vostok</i> . [Union of Authors of the RSFSR and Khabarovsk Authors Organization]. Khabarovsk, U.S.S.R.
<i>DekIskusstvo</i>	<i>Dekrativnoe Iskusstvo</i> . Soĭuz Khudozhnikov SSSR, Moscow, U.S.S.R.
<i>Derbyshire ArchJ</i>	<i>Derbyshire Archaeological Journal</i> . Derbyshire Archaeological and Natural History Society, London, England.
<i>Déri Múzeó</i>	<i>Déri Múzeum Évkönyve</i> . Debrecen, Hungary.
<i>Deutsche AkadWissen Berlin Schr</i>	<i>Deutsche Akademie der Wissenschaften zu Berlin, Schriften der Sektion für Vor- und Frühgeschichte</i> . Berlin, W. Germany.
<i>DialArch</i>	<i>Dialoghi di Archeologia</i> . Milan, Italy.
<i>DialHistAnc</i>	<i>Dialogues d'Histoire Ancienne</i> . Université Besançon, Besançon, France.
<i>DirAthIslam</i>	<i>Dirāsāt Athāriyya Islāmiyya</i> . Islamic Archeological Studies. Museums Service of the Egyptian Organization of Antiquities, Cairo, Egypt.
<i>DiscExcavScot</i>	<i>Discovery and Excavation, Scotland</i> . Council for British Archaeology, Scottish Regional Group, Dundee, Scotland.
<i>DocRapports</i>	<i>Documents et rapports de la Société royale d'Archéologie et de Paléontologie de Charleroi</i> . Société royale d'Archéologie et de Paléontologie de Charleroi, Charleroi, Belgium.
<i>Dorset NaturHistArchSoc</i>	<i>Dorset Natural History and Archaeological Society Newsletter</i> . Dorchester, England.
<i>Dresdner Kunstbl</i>	<i>Dresdner Kunstblätter. Monatsschrift der Staatlichen Kunstsammlungen Dresden</i> . Dresden, E. Germany.
<i>Drobeta</i>	<i>Drobeta</i> . Muzeul Regiunii Portilor de Fier, Drobeta-Turnu-Severin, Romania.
<i>DTCM</i>	<i>Danish Token Club Medlemsblad</i> . Copenhagen, Denmark.
<i>Dülmener Hb</i>	<i>Dülmener Heimatblätter</i> . Heimatverein, Dülmen, W. Germany.
<i>Duinen</i>	<i>De Duinen. Bulletin du Centre Scientifique et Culturel de l'Abbaye des Dunes et du Westhoek</i> . Koksijde, Belgium.
<i>Dumbarton OP</i>	<i>Dumbarton Oaks Papers</i> . Dumbarton Oaks Research Library, Washington, D.C., U.S.A.
<i>Dzeglis Megobari</i>	<i>Dzeglis Megobari</i> . Gruzinskoe Obshchestvo

	okhrany Pamiatnikov Kul'tury, Tiflis, U.S.S.R.
<i>EAJ</i>	<i>East Asia Journal</i> . Ft. Wayne, Indiana, U.S.A.
<i>ÉchangUniv</i>	<i>L'Échangiste Universel. Revue mensuelle des collectionneurs de timbres et des numismates</i> . Le Havre, France.
<i>EconHistRev</i>	<i>Economic History Review</i> . Economic History Society, London, England.
<i>EcStor</i>	<i>Economia e Storia; rivista italiana di storia economica e sociale</i> . Milan, Italy.
<i>ÉgriMúzEv</i>	<i>Az Égri Múzeum Evkönyve</i> . Eger, Hungary.
<i>Ėjmiacin</i>	<i>Ėjmiacin, Paštōnakan amsagir Hayrapetakan At'oroy S. Ėjmiacin</i> . Etchmiadzin, U.S.S.R.
<i>ElevKosmos</i>	<i>Eleutheros Kosmos</i> . Athens, Greece.
<i>Ellwanger Jb</i>	<i>Ellwanger Jahrbuch. Ein Volksbuch für Heimatpflege in Virngau und Ries</i> . Geschichts- und Altertumsverein, Ellwangen, W. Germany.
<i>EmderJb</i>	<i>Emder Jahrbuch</i> . Gesellschaft für bildende Kunst und Vaterländische Altertümer, Emden, W. Germany.
<i>Emilia Preromana</i>	<i>Emilia Preromana</i> . Museo Civico, Bologna, Italy.
<i>EN</i>	<i>European Numismatics</i> . Amsterdam, The Netherlands.
<i>EpigIndica</i>	<i>Epigraphica Indica</i> . Archaeological Survey of India, Calcutta, India.
<i>EpigrVostok</i>	<i>Epigrafika Vostoka. Sbornik Stateĭ. Akademiĭa Nauk SSSR, Institut Istorii Material'noĭ Kul'tury</i> , Moscow, U.S.S.R.
<i>EPJ</i>	<i>Essay-Proof Journal. Official Journal of the Essay-Proof Society</i> . Jefferson, Wisconsin, U.S.A.
<i>Érem</i>	<i>Érem</i> . Association of Hungarian Coin Collectors, Budapest, Hungary.
<i>Eretz Israel</i>	<i>Eretz Israel</i> . Israel Exploration Society, Jerusalem, Israel.
<i>Essex ArchHist</i>	<i>Essex Archaeology and History</i> . Colchester, England. Formerly <i>TransEssex ArchSoc</i> .
<i>EstudExtremeños</i>	<i>Estudios Extremeños; revista historica, literaria y artística</i> . Servicios Culturales de la Excelentísima Disputación Provincial, Badajoz, Paraguay.
<i>EstudHistArqMed</i>	<i>Estudios de Historia y Arqueologia Medievales</i> . Cadiz, Spain.
<i>ÉtBalkan</i>	<i>Études Balkaniques</i> . Académie Bulgare des Sciences, Institut d'Études Balkaniques, Sofia, Bulgaria.
<i>ÉtClass</i>	<i>Les Études classiques</i> . Société des Etudes Classi-

	ques, Namur, Belgium.
<i>Ethiopia Observer</i>	<i>Ethiopia Observer</i> . Addis Ababa, Ethiopia.
<i>Etnografia Polska</i>	<i>Etnografia Polska</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław (Breslau), Poland.
<i>EW</i>	<i>East and West</i> . Istituto Italiano per il Medio ed Estremo Oriente, Rome, Italy.
<i>Expedition</i>	<i>Expedition. Bulletin of the University Museum of the University of Pennsylvania</i> . Philadelphia, Pennsylvania, U.S.A.
<i>Ezhegodnik GIM</i>	<i>Ezhegodnik Gosudarstvennyi istoricheskii Muzei</i> . Moscow, U.S.S.R.
<i>FA</i>	<i>Fasti Archeologici</i> . International Association for Classical Archaeology, Florence, Italy.
<i>Falbygden</i>	<i>Falbygden</i> . Falbygdens Hembygds-oc Forminner Förening, Falköping, Sweden.
<i>Fare Box</i>	<i>The Fare Box</i> . American Vecturist Association, Boston, Massachusetts, U.S.A.
<i>Fataburen</i>	<i>Fataburen; Nordiska Museets och Skansens Årsbok</i> . Stockholm, Sweden.
<i>FB</i>	<i>Forschungen und Berichte</i> . Staatliche Museen zu Berlin, Berlin, E. Germany.
<i>FEJ</i>	<i>Far East Journal</i> . Tokyo, Japan.
<i>FennArch</i>	<i>Fennoscandia archaeologica</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>Filateliiā SSSR</i>	<i>Filateliiā SSSR</i> . Moscow, U.S.S.R.
<i>FileIst</i>	<i>File de Istorie. Culegere de Studii, Articole și Comunicări</i> . Muzeul de Istorie Bistrița, Bistrița, Romania.
<i>FinsktMus</i>	<i>Finskt Museum</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>Folia Arch</i>	<i>Folia Archeologica. Magyar Nemzeti Múzeum Történeti Múzeumának Évkönyve</i> . Budapest, Hungary.
<i>Folia Orient</i>	<i>Folia Orientalia</i> . Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>Folk</i>	<i>Folk; Dansk etnografisk tidsskrift</i> . Dansk Etnografisk Forening, Copenhagen, Denmark.
<i>Forint</i>	<i>Forint</i> . Hungarian National Bank Laborers, Budapest, Hungary.
<i>Fornvännen</i>	<i>Fornvännen. Tidskrift för Svensk Antikvarisk Forskning</i> . The Royal Academy of Letters, History and Antiquities in collaboration with the Swedish Archaeological Association, Stockholm, Sweden.
<i>ForsBerStaatMusBerlin</i>	<i>Forschungen und Berichte Staatliche Museen zu Berlin</i> .

	Berlin, East Germany.
<i>ForschVolksLand</i>	<i>Forschungen zur Volks- und Landeskunde</i> . Academia Republicii Socialiste România, Sektion für Gesellschaftswissenschaften, Sibiu, Romania.
<i>Fortid og Nutid</i>	<i>Fortid og Nutid. Tidsskrift for Kulturhistorie og Lokalhistorie</i> . Dansk Historisk Faellesforening, Copenhagen, Denmark.
<i>FRA</i>	<i>Fra Randers Amt</i> . Historical Association of the County of Randers, Randers, Denmark.
<i>Fra Als og Sundeved</i>	<i>Fra Als og Sundeved</i> . Historisk Samfund fra Als og Sundeved, Sønderborg, Denmark.
<i>FundberHessen</i>	<i>Fundberichte aus Hessen</i> . Amt für Bodendenkmalpflege, Darmstadt, W. Germany.
<i>FundberÖsterreich</i>	<i>Fundberichte aus Österreich</i> . Bundesdenkmalamt, Vienna, Austria.
<i>FundberSchwaben</i>	<i>Fundberichte aus Schwaben</i> . Gesellschaft für Vor- und Frühgeschichte in Württemberg und Hohenzollern, Stuttgart, W. Germany.
<i>GacNum</i>	<i>Gaceta Numismática</i> . Asociación Numismática Española, Barcelona, Spain.
<i>Gallia</i>	<i>De Gallia</i> . Cercle Archéologique de Gosselies, Visé, Belgium.
<i>GazChimItal</i>	<i>Gazzetta Chimica Italiana</i> . Società Chimica Italiana, Rome, Italy.
<i>GazNum</i>	<i>Il Gazzettino Numismatico</i> . Santa Severina, Italy.
<i>Genava</i>	<i>Genava</i> . Geneva, Switzerland.
<i>GeographJ</i>	<i>Geographical Journal</i> . Royal Geographical Society of London, England.
<i>Germania</i>	<i>Germania</i> . Archäologisches Institut des Deutschen Reichs, Frankfurt-am-Main, W. Germany.
<i>GettyMusJ</i>	<i>J. Paul Getty Museum Journal</i> . J. Paul Getty Museum, Malibu, CA, USA.
<i>Giesserei</i>	<i>Giesserei. Zeitschrift für das Gesamte Giessereiwesen</i> . Deutschen Giesserei-Vereinigungen, Düsseldorf, W. Germany.
<i>Gitut'yun Texnika</i>	<i>Gitut'yun ew Texnika</i> . Erevan, U.S.S.R.
<i>Gladius</i>	<i>Gladius. Études sur les armes anciennes, l'armement, l'art militaire et la vie culturelle en Orient et Occident</i> . Instituto de Estudios sobre Armas Antiguas, Consejo Superior de Investigaciones Científicas, Jaraiz de la Vera, Spain.
<i>Glasgow ArchJ</i>	<i>Glasgow Archaeological Journal</i> . Glasgow Archaeological Society, Glasgow, Scotland.
<i>GN</i>	<i>Geldgeschichtliche Nachrichten</i> . Gesellschaft für In-

	ternationale Geldgeschichte, Frankfurt-am-Main, W. Germany.
<i>Gnomon</i>	<i>Gnomon. Kritische Zeitschrift für die Gesamte Klassische Altertumswissenschaft.</i> Munich, W. Germany.
<i>Gobrecht J</i> <i>Godišnjak Pomorskog</i> <i>MuzKotoru</i>	<i>The Gobrecht Journal.</i> Albertson, NY, U.S.A. <i>Godišnjak Pomorskog Muzeja u Kotoru</i> [Yearbook of the Maritime Museum in Kotor]. Kotor, Yugoslavia.
<i>Gotländskt Arkiv</i>	<i>Gotländskt Arkiv.</i> Föreningen Gotlands Fornväner, Visby, Sweden.
<i>GP</i>	<i>Geuzenpenning Munt- en Penningkundig Nieuws.</i> Driemaandelijkse Uitgave van het Koninklijk Nederlands Genootschap voor Munt- en Penningkunde en van de Vereniging voor Penningkunst, Amsterdam, The Netherlands.
<i>GPVJ</i>	<i>Gesellschaft Pro Vindonissa. Jahresbericht.</i> Vindonissa-Museum, Brugg, Switzerland.
<i>GRBS</i>	<i>Greek, Roman and Byzantine Studies.</i> Duke University, Durham, NC, U.S.A.
<i>Hadashot Arch</i>	<i>Hadashot Archaeologioth</i> [Archaeological Newsletter]. Department of Antiquities, Jerusalem, Israel.
<i>Hajó-Daru</i>	<i>Hajó-Daru</i> [Ship and Crane]. <i>A Magyar Hajó-és Darugyár Dolgozóinak Lapja</i> [Newspaper of the Hungarian Shipyard and Crane Factory Laborers]. Budapest, Hungary.
<i>Haller Mb</i>	<i>Haller Münzblätter.</i> Tiroler Numismatischen Gesellschaft, Hall, Austria.
<i>HandelOudheidkunde</i> <i>Mechelen</i>	<i>Handelingen.</i> Koninklijke Kring voor Oudheidkunde, Letteren en Kunst van Mechelen, Malines, Belgium.
<i>Handes Amsorya</i>	<i>Handes Amsorya; Monatsschrift für Armenische Philologie.</i> Mechitarist Congregation, Vienna, Austria.
<i>HaygazHayagHandes</i>	<i>Haygazean Hayagitagan Handes.</i> Haigazian College, Armenological Department, Beirut, Lebanon.
<i>Hayrenik 'i Jayn</i>	<i>Hayrenik 'i Jayn</i> [Voice of the Fatherland]. [Committee for Cultural Relations with Armenians in the Diaspora], Erevan, U.S.S.R.
<i>HBN</i>	<i>Hamburger Beiträge zur Numismatik.</i> Verein der Münzenfreunde, Hamburg, W. Germany.
<i>Helinium</i>	<i>Helinium. Revue consacrée à l'Archéologie des Pays-Bas, de la Belgique et du Grand Duché de Luxem-</i>

	<i>bourg. Wetteren, Belgium.</i>
<i>Hellenism</i>	<i>Hellenism. Review on Greek Life and Culture.</i> Chicago, Illinois, U.S.A.
<i>HelvetArch</i>	<i>Helvetia Archaeologica.</i> Schweizerische Gesellschaft für Ur- und Frühgeschichte, Basel, Switzerland.
<i>Hémecht</i>	<i>Hémecht. Zeitschrift für Luxemburger Geschichte.</i> Luxembourg.
<i>Herold</i>	<i>Der Herold. Vierteljahrsschrift für Heraldik, Genealogie und Verwandte Wissenschaften.</i> Verein für Heraldik, Genealogie und ver- wandte Wissenschaften, Berlin, W. Germany.
<i>Hertfordshire Arch</i>	<i>Hertfordshire Archaeology.</i> Hertford, England.
<i>Hesperia</i>	<i>Hesperia. Journal of the American School of Classical Studies at Athens.</i> Princeton, NJ, U.S.A.
<i>Hespéris Tamuda</i>	<i>Hespéris Tamuda.</i> Centre Universitaire de la Recherche Scientifique, Faculté des Lettres, Rabat, Morocco.
<i>Hessen</i>	<i>Hessen.</i> Hessisches Landesamt für Denkmalpflege, Abt. Vor- und Frühgeschichte, Wiesbaden, W. Germany.
<i>HessJbLandesgesch</i>	<i>Hessisches Jahrbuch für Landesgeschichte.</i> Arbeitsge- meinschaft der Historischen Kommissionen in Darmstadt, Frankfurt, Marburg und Wiesbaden, Marburg, W. Germany.
<i>hikuin</i>	<i>hikuin.</i> Moesgård, Denmark.
<i>HispAmerHistRev</i>	<i>Hispanic American Historical Review.</i> Duke University, Durham, NC, U.S.A.
<i>HistJbGraz</i>	<i>Historisches Jahrbuch der Stadt Graz.</i> Graz Johan- neum, Stadtmuseum, Graz, Austria.
<i>HistJSam</i>	<i>Historie. Jyske Samlinger.</i> Jysk Selskab for Historie, Aarhus, Denmark.
<i>HistJUBirmingham</i>	<i>Historical Journal.</i> University of Birmingham, Birmingham, England.
<i>Historia</i>	<i>Historia.</i> Franz Steiner Verlag GmbH, Wiesbaden, West Germany.
<i>HistTidskr</i>	<i>Historisk Tidskrift.</i> Danske Historiske Forening, Copenhagen, Denmark.
<i>HistTidskrFin</i>	<i>Historisk Tidskrift för Finland.</i> Historiska foren- ingen, Helsinki, Finland.
<i>HjKreis Hofgeismar</i>	<i>Heimatsjahrbuch für den Kreis Hofgeismar.</i> Hofgeismar, W. Germany.
<i>HKZM</i>	<i>Handelingen der Koninklijke Zuidnederlandse Maatschappij voor Taalen Letterkunde en Geschiedenis.</i> The Netherlands.
<i>HMZ</i>	<i>Helvetische Münzen-Zeitung.</i> Hilterfingen,

	Switzerland.
<i>Hogaku Kenkyu</i>	<i>Hogaku Kenkyu</i> [Journal of Law, Politics and Society]. Hogaku-Kenkyu-Kai [Association for the Study of Law and Politics], Keio University, Faculty of Law, Tokyo, Japan.
<i>HstKreiseOlpe</i>	<i>Heimatstimmen aus dem Kreise Olpe</i> . Olpe, W. Germany.
<i>IAI</i>	<i>Izvestiia na Arkheologicheskiia Institut (Bulletin de l'Institut d'Archéologie)</i> . Sofia, Bulgaria.
<i>Ialomița</i>	<i>Ialomița</i> . Comitetul de Cultură și Educație Socialistă al Județului Ialomița, Slobozia, Romania.
<i>IBNS</i>	<i>International Bank Note Society. Journal</i> . Auburn-dale, Florida. Formerly <i>International Bank Note Society. Quarterly Magazine</i> . Dovercourt, England.
<i>IEJ</i>	<i>Israel Exploration Journal</i> . Israel Exploration Society; Department of Archaeology, Hebrew University; Department of Antiquities, Ministry of Education and Culture, Jerusalem, Israel.
<i>IstKul'tNarodUzbek</i>	<i>Iz Istorii Kul'tury Narodov Uzbekistana</i> . Akademiia Nauk Uzbekskoi SSR, Institut Istorii i Arkheologii, Tashkent, U.S.S.R.
<i>ILN</i>	<i>Illustrated London News</i> . London, England.
<i>Image Roche</i>	<i>Image Roche</i> . Basel, Switzerland.
<i>IMJ</i>	<i>Israel Museum Journal</i> . Jerusalem, Israel.
<i>IN</i>	<i>Italia Numismatica</i> . Mantua, Italy.
<i>INC</i>	<i>Indian Numismatic Chronicle</i> . Bihar Research Society, Patna, India.
<i>Indian Ant</i>	<i>Indian Antiquary. A Journal of Oriental Research in Archaeology, Epigraphy, Ethnology, Geography, History, Folklore, Languages, Literature, Numismatics, Philosophy and Religion</i> . Bombay, India.
<i>Indian EconSocHistRev</i>	<i>Indian Economic and Social History Review</i> . Delhi, India.
<i>Indian HistQ</i>	<i>Indian Historical Quarterly</i> . Calcutta, India.
<i>Indian MusBull</i>	<i>Indian Museum Bulletin</i> . Indian Museum, Calcutta, India.
<i>InfNum</i>	<i>L'Information Numismatique</i> . Société Numismatique de Paris et sa Région, Villiers-sur-Marne, France.
<i>INJ</i>	<i>Israel Numismatic Journal</i> . Israel Numismatic Society, Tel Aviv, Israel.
<i>Iparművészeti Múzeum</i>	<i>Iparművészeti Múzeum Évkönyve</i> . Magyar Nemzeti Múzeum, Iparművészeti Múzeum,

	Budapest, Hungary.
<i>Iran</i>	<i>Iran. Journal of the British Institute of Persian Studies.</i> London, England.
<i>Iranica Ant</i>	<i>Iranica Antiqua.</i> Leiden, The Netherlands.
<i>Irish Num</i>	<i>Irish Numismatics.</i> Dublin, Ireland.
<i>Iskusstvo</i>	<i>Iskusstvo.</i> Ministerstvo Kul'tury SSSR, Sořuz Khudozhnikov SSSR/Akademiãa Khu- dozhestva SSSR, Moscow, U.S.S.R.
<i>Islah</i>	<i>Islah</i> [Reform]. Kabul, Afghanistan.
<i>Islam</i>	<i>Der Islam. Zeitschrift für Geschichte und Kultur des Islamischen Orients.</i> Berlin, W. Germany.
<i>Istanbul ArkMüz Yilligi</i>	<i>Istanbul Arkeologi Müzeleri Yilligi</i> [Annual of the Archaeological Museum of Istanbul]. Turkey.
<i>IstArkEtnoSredAzii</i>	<i>Istoriãa Arkheologiãa i Etnografiãa Srednei Azii.</i> Akademiãa Nauk SSSR, Institut Etnografii, Moscow, U.S.S.R.
<i>IstDžerela Vykorystannja</i>	<i>Istorycni Džerela ta ich Vykorystannja.</i> Instytut Istorii, Akademiãa Nauk URSR, Kiev, U.S.S.R.
<i>IstFilZhurANArmian</i>	<i>Istoriko-Filologičeskii Zhurnal.</i> Akademiãa Nauk Armianskoj SSSR, Erevan, U.S.S.R.
<i>IstMatKul'tUzbek</i>	<i>Istoriãa Materialnoj Kul'tury Uzbekistana.</i> Akademiãa Nauk Uzbekskoj SSR, Institut Istorii i Arkheologii, Tashkent, U.S.S.R.
<i>Istoriãa SSSR</i>	<i>Istoriãa SSSR.</i> Akademiãa Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>Istros</i>	<i>Istros. Buletinul Muzeului Brãilei.</i> Braila, Romania.
<i>Iura</i>	<i>Iura.</i> Jovene, Naples, Italy.
<i>IzBalgMuz</i>	<i>Izvestiãa na Balgarskite Muzei.</i> Komitet za Izkustvo i Kultura, Sofia, Bulgaria.
<i>IzBID</i>	<i>Izvestiãa na B'lgarskoto Istorichsko Druřestvo</i> [Bulletin de la Société Historique Bulgare]. Sofia, Bulgaria.
<i>IzMuzVeliko Trnovo</i>	<i>Izvestiãa na Muzeia.</i> Trnovo, Bulgaria.
<i>IzNarodMuzRoussé</i>	<i>Izvestiãa na Narodniãa Muzei.</i> Roussé, Bulgaria.
<i>IzNarodMuzŠumen</i>	<i>Izvestiãa.</i> Narodni Muzeia Šumen, Bulgaria.
<i>IzNarodMuzVarna</i>	<i>Izvestiãa na Narodniãa Muzei.</i> Varna, Bulgaria.
<i>IzvOtdelObshchestNaukAN Tadzh</i>	<i>Izvestiãa Otdeleniãa Obshchestvennykh Nauk.</i> Akademiãa Nauk, Tadzhikskoj SSR, Stalinabad, U.S.S.R.
<i>JAGW</i>	<i>Jahrbuch Arbeitskreis Geldscheine Wertpapiere.</i> Berlin, Germany.
<i>Ĵahakir</i>	<i>Ĵahakir.</i> [Journal of the Students of N. Pálan- čean College]. Beirut, Lebanon.
<i>JAIH</i>	<i>Journal of Ancient Indian History.</i> University of

<i>JAINS</i>	Calcutta, Department of Ancient Indian History and Culture, Calcutta, India.
<i>Jānaser</i>	<i>Journal of Academy of Indian Numismatics and Sigillography</i> . Indore, India.
<i>JAndhraHistResSoc</i>	<i>Jānaser</i> . [Armenian Evangelical Union]. Beirut, Lebanon.
<i>JAOS</i>	<i>Journal of the Andhra Historical Research Society</i> . Rajahmundry, India.
<i>JARCE</i>	<i>Journal of the American Oriental Society</i> . New Haven, CT, U.S.A.
<i>JAS(Bengal)</i>	<i>Journal of the American Research Center in Egypt</i> . American Research Center, Cairo, Egypt.
<i>JAS(Calcutta)</i>	See <i>JAS(Calcutta)</i> .
<i>JAsianHist</i>	<i>Journal of the Asiatic Society</i> . Calcutta, India.
<i>JBAA</i>	<i>Journal of Asian History</i> . Wiesbaden, W. Germany.
<i>JBBernHistMus</i>	<i>Journal of the British Archaeological Association</i> . Department of British and Mediaeval Antiquities, British Museum, London, England.
<i>JbBischofGymnasKollegPetri num</i>	<i>Jahrbuch des Bernischen Historischen Museums</i> . Bern, Switzerland.
<i>JbCoburgLandesst</i>	<i>Jahresbericht des Bischöflichen Gymnasiums und Diözesanseminars am Kollegium Petrinum in Urfar</i> . Linz, Austria.
<i>JbKMusSchonKunstAntwerp</i>	<i>Jahrbuch der Coburger Landesstiftung</i> . Coburg, W. Germany.
<i>JbKunsthistSammlWien</i>	<i>Jaarboek van het Koninklijk Museum voor Schone Kunsten Antwerpen</i> . Antwerp, Belgium.
<i>JbOldenburger Münsterland</i>	<i>Jahrbuch der Kunsthistorischen Sammlungen</i> . Vienna, Austria.
<i>JbRechnungHistMus Basel</i>	<i>Jahrbuch für das Oldenburger Münsterland</i> . Germany.
<i>JbSchweizGesUrFrühgesch</i>	<i>Jahresberichte und Rechnungen</i> . Historisches Museum, Basel, Switzerland.
<i>JbStKunstsammlDresden</i>	<i>Jahrbuch der Schweizerischen Gesellschaft für Ur- und Frühgeschichte</i> . Zurich, Switzerland.
<i>JCCCN</i>	<i>Jahrbuch der Staatlichen Kunstsammlungen Dresden</i> . Dresden, E. Germany.
<i>JChesterArchSoc</i>	<i>Japanese Cash Collectors' Club Newsletter</i> .
<i>JCWTS</i>	<i>Journal of the Chester Archaeological Society</i> . Architectural, Archaeological and Historic Society for the County and the City of Chester and North Wales, Chester, England.
	<i>Journal of the Civil War Token Society</i> . Iola, WI,

	U.S.A.
<i>JdAI</i>	<i>Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, W. Germany.
<i>JEGMP</i>	<i>Jaarboek van het Europees Genootschap boor Munten Penningkunde.</i> Brussels, Belgium.
<i>JEListeFPL</i>	<i>Jean Elsen Liste [Fixed Price List].</i> Brussels, Belgium.
<i>JESHO</i>	<i>Journal of the Economic and Social History of the Orient.</i> Leiden, The Netherlands.
<i>JEthiopStud</i>	<i>Journal of Ethiopian Studies.</i> Haile Selassie I University, Institute of Ethiopian Studies, Addis Ababa, Ethiopia.
<i>JHS</i>	<i>Journal of Hellenic Studies.</i> Society for the Promotion of Hellenic Studies, London, England.
<i>JIAN</i>	<i>Journal International d'Archéologie Numismatique.</i> Athens, Greece.
<i>JIN</i>	<i>Journal of Israel Numismatics. The Independent Publication for the Collector.</i> International Israel Numismatic Society, New York, NY, U.S.A.
<i>JIndian Hist</i>	<i>Journal of Indian History.</i> University of Kerala, Trivandrum, India.
<i>JIntNum</i>	<i>Journal of International Numismatics.</i> Organization of International Numismatists, Bellaire, TX, U.S.A.
<i>JModAfrStud</i>	<i>Journal of Modern Africa Studies.</i> London, England.
<i>JMünzGeldThüringens</i>	<i>Jahrbuch des Arbeitskreises Münz und Geldgeschichte Thüringens.</i> Gera, DDR.
<i>JMV</i>	<i>Jahresschrift für Mitteldeutsche Vorgeschichte.</i> Halle an der Saale, E. Germany.
<i>JNAAus</i>	<i>Journal of the Numismatic Association of Australia.</i> Melbourne, Victoria, Australia.
<i>JNFA</i>	<i>Journal of Numismatic Fine Arts.</i> Encino, CA, U.S.A.
<i>JNG</i>	<i>Jahrbuch für Numismatik und Geldgeschichte.</i> Bayerischen Numismatischen Gesellschaft, Kallmünz über Regensburg, W. Germany.
<i>JNorthMusArtG</i>	<i>Journal of the Northampton Museum and Art Gallery.</i> Northampton, England.
<i>JNSI</i>	<i>Journal of the Numismatic Society of India.</i> Banaras Hindu University, Varanasi, India.
<i>JNSMP</i>	<i>Journal of the Numismatic Society of Madhya Pradesh.</i> Indore, India.
<i>Jósa András Múzeum</i>	<i>A Jósa András Múzeum Évkönyve.</i> Nyíregyháza, Hungary.
<i>JRAS(Bombay)</i>	<i>Journal of the Bombay Branch of the Royal Asiatic</i>

	<i>Society. Bombay, India.</i>
<i>JRNS</i>	<i>Journal of the Russian Numismatic Society. Alexandria, VA, U.S.A.</i>
<i>JRS</i>	<i>Journal of Roman Studies. Society for the Promotion of Roman Studies, London, England.</i>
<i>JRSAI</i>	<i>Journal of the Royal Society of Antiquaries of Ireland. Dublin, Ireland.</i>
<i>JSav</i>	<i>Journal des Savants. Académie des Inscriptions et Belles-Lettres, Paris, France.</i>
<i>JSIN</i>	<i>Journal of the Society for International Numismatics. Santa Monica, CA, U.S.A.</i>
<i>JTS</i>	<i>Journal of Turkish Studies. Harvard University, Cambridge, MA, USA.</i>
<i>Kadmos</i>	<i>Kadmos. Zeitschrift für Vor- und Frühgriechische Epigraphik. Berlin, W. Germany.</i>
<i>Karthago</i>	<i>Karthago. Revue d'archéologie africaine. Institut d'art et d'archéologie, Paris, France.</i>
<i>Khudozhnik</i>	<i>Khudozhnik. Soŭuz Khudozhnikov RSFSR, Moscow, U.S.S.R.</i>
<i>Klio</i>	<i>Klio. Beiträge zur alten Geschichte. Deutsche Akademie der Wissenschaften zu Berlin, Institut für griechisch-römische Altertumskunde, Berlin, DDR.</i>
<i>Köln</i>	<i>Köln. Vierteljahrschrift für Freunde der Stadt. Cologne, W. Germany.</i>
<i>KölnJbVorFrühGesch</i>	<i>Kölner Jahrbuch für Vor- und Frühgeschichte. Römisch-Germanischen Museum, Cologne; Archäologische Gesellschaft zu Berlin, Berlin, W. Germany.</i>
<i>KollAzerb</i>	<i>Kolleksioner Azerbaïdzhana [Azerbaijan Collector]. Azerbaïdzhanskoe otdelenie Vsesoŭznogo obshchestva filatelistov [Azerbaijan Department of the U.S.S.R., Society of Philatelists], Baku, U.S.S.R.</i>
<i>Komárom MegMusKöz</i>	<i>Komárom Megyei Múzeumok Közleménye. Tata, Hungary.</i>
<i>KomMazurWarmin</i>	<i>Komunikaty Mazursko-Warmińskie. Stacja Naukowa Polskiego Towarzystwa Historycznego (Instytut Mazurski), Olsztyn, Poland.</i>
<i>KosZesMuz</i>	<i>Koszalińskie Zeszyty Muzealne. Museum Okręgowe w Koszalinie, Koszalin, Poland.</i>
<i>KratSoobInstArkan SSSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Akademii Nauk SSSR. Moscow, U.S.S.R.</i>
<i>KratSoobInstArkan USSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Akademii Nauk USSR. Kiev, U.S.S.R.</i>
<i>KratSoobInstEtnogr</i>	<i>Kratkie Soobshcheniia. Institut Etnografii,</i>

<i>KratSoobInstIstMater Kul't</i>	Akademiia Nauk SSSR, Moscow, U.S.S.R. <i>Kratkie Soobshcheniia</i> . Institut Istorii Material'noi Kul'tury, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobInstNarodAz</i>	<i>Kratkie Soobshcheniia</i> . Institut Narodov Azii, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobOGAM</i>	<i>Kratkie Soobshcheniia a polevykh arkhelogicheskikh issledovaniiakh Odesskogo Gosudarstvennogo arkhelogicheskogo Muzeia</i> . Odesssa, U.S.S.R.
<i>KratSoobOGU i OGAM</i>	See <i>KratSoobOGAM</i> .
<i>Kronobergsboken</i>	<i>Kronobergsboken</i> . Årsbok för Hylten-Cavallius föreningen. Kronobergsläns musei-och hembygdsförbund, Växjö, Sweden.
<i>Kulturen</i>	<i>Kulturen</i> . Årsbok till medlemmerna av kulturhistoriska förening för södra Sverige. Lund, Sweden.
<i>KurtrierJ</i>	<i>Kurtrierisches Jahrbuch</i> . Verein Kurtrierisches Jahrbuch e.V., Trier, W. Germany.
<i>KwartHistKultMater</i>	<i>Kwartalnik Historii Kultury Materialnej</i> . Polska Akademia Nauk, Instytut Historii Kultury Materialnej, Warsaw, Poland.
<i>Kwart Opolski</i>	<i>Kwartalnik Opolski</i> . Opolskie Towarzystwo Przyjaciół Nauk, Opole, Poland.
<i>Lancia</i>	<i>Lancia</i> . León, Spain.
<i>Latomus</i>	<i>Latomus</i> . <i>Revue d'Etudes Latines</i> . Brussels, Belgium.
<i>L'Avenç</i>	<i>L'Avenç</i> . Barcelona, Spain.
<i>Leiegouw</i>	<i>Verslagen en Meddelingen van de Leiegouw</i> . Vereniging voor de Studie van de Lokalbeschiedenis, Taal en Folklore in het Kortrijkse, Courtrai, Belgium.
<i>Leitz-MittWissenTechnik</i>	<i>Leitz-Mitteilungen für Wissenschaft und Technik</i> . Ernst Leitz GmbH, Wetzlar, W. Germany.
<i>Levéltári Közlem</i>	<i>Levéltári Közleményei</i> . Budapest, Hungary.
<i>LibAnn</i>	<i>Liber Annuus</i> . Studium Biblicum Franciscanum, Jerusalem, Israel.
<i>Libya Ant</i>	<i>Libya Antiqua</i> . République Arabe Libyenne, Department of Antiquities, Tripoli, Libya.
<i>Lietuvos MokAkadDarbai</i>	<i>Lietuvos TSR Mokslų Akademijos Darbai</i> . Vilna, U.S.S.R.
<i>Limburg</i>	<i>Limburg</i> . Federatie der Geschieden Oudheidkundige Kringen van Limburg, Belgium.
<i>Lincolnshire HistArch</i>	<i>Lincolnshire History and Archaeology</i> . Lincoln, England.
<i>Listy Fil</i>	<i>Listy Filologické</i> . Prague, Czechoslovakia.
<i>LNV</i>	<i>Litterae Numismatica Vindobonenses</i> . Eckhel-Club, Vienna, Austria.

<i>Łódzki Num</i>	<i>Łódzki Numizmatyk</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział w Łodzi, Sekcja Numizmatyczna im Kazimierza Stronczyńskiego, Łódź, Poland.
<i>LrabHasarakakan Gitut'yun</i>	<i>Lraber Hasarakakan Gitut'yuneri</i> . Akademiā Nauk Armianskoī SSR, Erevan, U.S.S.R.
<i>Lüneburger B</i>	<i>Lüneburger Blätter</i> . Lüneburg, W. Germany.
<i>MAAR</i>	<i>Memoirs of the American Academy in Rome</i> . Rome, Italy.
<i>MadrMitt</i>	<i>Madrider Mitteilungen</i> . Deutsches Archäologisches Institut, Abteilung Madrid, Heidelberg, W. Germany.
<i>Mainichi</i>	<i>Mainichi Daily News</i> . Tokyo, Japan.
<i>Märker</i>	<i>Der Märker</i> . Altena, Germany.
<i>MagIstor</i>	<i>Magazin Istoric</i> . Bucharest, Romania.
<i>Magyar NumTárÉv</i>	<i>A. Magyar Numizmatikai Társulat Évkönyve</i> . Budapest, Hungary.
<i>MainfränkJbGeschKunst</i>	<i>Mainfränkisches Jahrbuch für Geschichte und Kunst</i> . Freunde mainfränkische Kunst und Geschichte, Würzburg, W. Germany.
<i>Mainichi</i>	<i>Mainichi Daily News</i> . Tokyo, Japan.
<i>Majallat al-aqlam</i>	<i>Majallat al-aqlam</i> . Ministry of Culture and Information, Baghdad, Iraq.
<i>Majallat al-kitāb</i>	<i>Majallat al-kitāb</i> . Jamciyyat al Mu'allijīn wa-l-Kuttāb al-'Irāqiyyīn [Association of Iraqi Editors and Authors], Baghdad, Iraq.
<i>Marisia</i>	<i>Marisia. Studii și Materiale. Arheologice, Istorie, Et-nografie</i> . Comitetul de Cultură și Educație Socialistă al Județului Mureș, Muzeul Județean Mureș, Târgu Mureș, Romania.
<i>Marmatia</i>	<i>Marmatia</i> . Muzeul Județean Maramureș, Baia Mare, Romania.
<i>al-Maskūkāt</i>	<i>al-Maskūkāt</i> . Directorate General of Antiquities, Baghdad, Iraq.
<i>MASP</i>	<i>Materialy po Arkheologii Severnogo Prichernomor'ia</i> . Odesskiĭ Gosudarstvennyiĭ Arkheologicheskiiĭ Muzeĭa, Odessa, U.S.S.R.
<i>Materiale</i>	<i>Materiale și Cercetări Arheologice</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>Materiały Arch</i>	<i>Materiały Archeologiczne</i> . Muzeum Archeologiczne, Kraków, Poland.
<i>MatIstMuzBucurești</i>	<i>Materiale de Istorie și Muzeografie</i> . Muzeul de Istorie a Orasului București, Bucharest, Romania.
<i>MatKul'tTadzh</i>	<i>Material'naia Kul'tura Tadzhikistana</i> . Akademii

	Nauk Tadzhikskoi SSR, Institut Istorii, Dushanbe, U.S.S.R.
<i>Matsne</i>	<i>Matsne [Vestnik]</i> Akademii Nauk Gruzinskoi SSR, Otdelenie Obshchestvennykh Nauk, Tiflis, U.S.S.R.
<i>MatTurc</i>	<i>Materialia Turcica</i> . Studienverlag Dr. N. Brockmeyer, Bochum, W. Germany.
<i>MatZachodnio-Pomorskie</i>	<i>Materiały Zachodnio-Pomorskie</i> . Muzeum Pomorza Zachodniego, Szczecin, Poland.
<i>MBAS(Calcutta)</i>	<i>Monthly Bulletin of the Asiatic Society</i> . Calcutta, India.
<i>MC</i>	<i>Medal Collector. Official Publication of the Orders and Medals Society of America</i> . Fort Montgomery, NY, U.S.A.
<i>MDAI(A)</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung</i> . Berlin, W. Germany.
<i>MDAI(M)</i>	See <i>MadrMitt</i> .
<i>Medaglia</i>	<i>Medaglia</i> . Milan, Italy.
<i>Medaillen-Plaketten</i>	<i>Medaillen-Plaketten. Zeitschrift für die Freunde schöner Medaillen, Plaketten and Kleinkunst. Gestern-Heute-Morgen</i> . Gesellschaft der Deutschen Medaillenfrenunde/Fédération Internationale de la Médaille, Hamburg, W. Germany.
<i>Médailles</i>	<i>Médailles. Fédération Internationale de la Médaille</i> , Paris, France.
<i>The Medal</i>	<i>The Medal</i> . The British Medal Society, England.
<i>MeddelLundUHistMus</i>	<i>Meddelanden från Lunds Universitets Historiska Museum</i> . Lund, Sweden.
<i>MedFal</i>	<i>Medalierstwo i Falerystyka</i> . Warsaw, Poland.
<i>Medieval Arch</i>	<i>Medieval Archaeology; Journal of the Society for Medieval Archaeology</i> . London, England.
<i>MedMonatssp</i>	<i>Medizinischer Monatsspiegel</i> . Darmstadt, W. Germany.
<i>MedSculp</i>	<i>Medallic Sculpture</i> . American Medallic Sculpture Association, New York, NY, USA.
<i>MEFRA</i>	<i>Mélanges de l'École française de Rome Antiquité</i> . Rome, Italy.
<i>MEFRM</i>	<i>Mélanges de l'École française de Rome. Moyen Age, Temps Modernes</i> . Rome, Italy.
<i>MemAcadMexEstudNum</i>	<i>Memorias de la Academia Mexicana de Estudios Numismáticos</i> . Mexico, D.F., Mexico.
<i>MemAntiq</i>	<i>Memoria Antiquitatis. Acta Musei Petrodavensis</i> . Muzeul Arheologic, Piatra Neamț, Romania.
<i>MemRendAccadZel Acireale</i>	<i>Memorie e Rendiconti dell'Accademia de Scienze, Lettere e Belle Arti degli Zelanti e dei Dafnici di</i>

<i>MémSocAntPicardie</i>	<i>Acireale</i> . Acireale, Italy. <i>Mémoires de la Société des Antiquaires de Picardie</i> . Amiens, France.
<i>Mensuel Jean Elsen</i>	<i>Mensuel Jean Elsen</i> . Brussels, Belgium.
<i>Mesopotamia</i>	<i>Mesopotamia</i> . Turin, Italy.
<i>Metallverarbeitung</i>	<i>Metallverarbeitung</i> . Berlin, DDR
<i>MéthodPhysAnal</i>	<i>Méthodes Physiques d'Analyse. Revue de Groupement pour l'Avancement des Méthodes Spectrographiques</i> . Paris, France.
<i>MetMusBull</i>	<i>Metropolitan Museum of Art Bulletin</i> . New York, NY, U.S.A.
<i>MIA</i>	<i>Materialy i Issledovaniia po Arkheologii SSSR</i> . Akademīa Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>MikrochimActa</i>	<i>Mikrochimica Acta</i> . Vienna, Austria.
<i>MitropOlteniei</i>	<i>Mitropolia Olteniei</i> . Craiova, Romania.
<i>MittNürnberg</i>	<i>Mitteilungen des Vereins für Geschichte der Stadt Nürnberg</i> . Nuremberg, W. Germany.
<i>MMB</i>	See <i>Berichte</i> .
<i>MMusLauriacum</i>	<i>Mitteilungen</i> . Museumsverein "Lauriacum" Enns OberÖsterreich, Enns, Austria.
<i>MNZ</i>	<i>Münstersche Numismatische Zeitung</i> . Münzgalerie München GmbH & Co. KG, Stigl- maierplatz 2, D-8000 Munich 2, W. Germany.
<i>Moeda</i>	<i>Moeda</i> . Lisbon, Portugal.
<i>MÖNG</i>	<i>Mitteilungen der Österreichischen Numismatischen Gesellschaft</i> . Vienna, Austria.
<i>MoJNum</i>	<i>Missouri Journal of Numismatics</i> . Missouri Numismatic Society, St. Louis, MO, U.S.A.
<i>Møntårbogen</i>	<i>Møntårbogen</i> . Gentofte, Denmark.
<i>Møntsamlernyt</i>	<i>Møntsamlernyt</i> . Copenhagen, Denmark.
<i>Monedas</i>	<i>Monedas</i> . Sociedad Numismática de Puebla, Mexico.
<i>Money Trend</i>	<i>Money Trend</i> . Vaduz, Liechtenstein.
<i>Monmouthshire Ant</i>	<i>The Monmouthshire Antiquary. Proceedings of the Monmouthshire and Caerleon Antiquarian Socie- ty</i> . Newport, Wales.
<i>Móra Ferenc MúzeÉv</i>	<i>Móra Ferenc Múzeum Évkönyve</i> . Szeged, Hungary.
<i>Moravské NumZprávy</i>	<i>Moravské Numismatické Zprávy</i> . Moravské Museum, Brno, Czechoslovakia.
<i>Mousaios</i>	<i>Mousaios. Studii și Comunicări. Arheologie-Istorie</i> . Comitetul Județean de Cultură și Educație Socialistă, Muzeul Județean Buzau, Romania.

<i>Mowia Wieki</i>	<i>Mowia Wieki. Magazyn Historyczny.</i> Warsaw, Poland.
<i>Müemlékvédelem</i>	<i>Müemlékvédelem.</i> Aufsichtsbehörde des Landesdenkmalamtes, Budapest, Hungary.
<i>Münstersche NZ</i>	<i>Münstersche Numismatische Zeitung.</i> Holger Dombrowski Lagerkatalogen, Münster, W. Germany.
<i>MűvésErtes</i>	<i>Művészettörténeti Ertesítő</i> [History Gazette]. Budapest, Hungary.
<i>Művészet</i>	<i>Művészet.</i> Budapest, Hungary.
<i>Muse</i>	<i>Muse. Annual of the Museum of Art and Archaeology, University of Missouri.</i> Columbia, MO, U.S.A.
<i>Musée Neuchâtelois</i>	<i>Musée Neuchâtelois.</i> Colombier, Switzerland.
<i>Muséon</i>	<i>Le Muséon.</i> Association "Le Muséon," Louvain, Belgium.
<i>Museos</i>	<i>Museos.</i> Madrid, Spain.
<i>Museum</i>	<i>Museum.</i> Tokyo National Museum, Tokyo, Japan.
<i>MuzHa'aretzBull</i>	<i>Museum Ha'aretz, Tel Aviv, Bulletin.</i> Ramat Aviv, Tel Aviv, Israel.
<i>MuzNaț</i>	<i>Muzeul Național.</i> Academia de Științe Sociale și Politice, Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>MuzPamKult</i>	<i>Muzei i Pametnizi na Kulturata.</i> Komitet za Izkustvo i Kultura, Sofia, Bulgaria.
<i>MuzPitești</i>	<i>Muzeul din Pitești. Studii și Comunicări. Istorie-Științele Naturii.</i> Pitești, Romania.
<i>MuzVlastivědná Práce</i>	<i>Muzejní a Vlastivědná Práce.</i> Národní Muzeum, Prague, Czechoslovakia.
<i>Myntkontakt</i>	<i>Myntkontakt. Svenska Numismatiska Föreningens Tidskrift.</i> Stockholm, Sweden.
<i>NachrNiedersachsUr</i>	<i>Nachrichten aus Niedersachsens Urgeschichte.</i> Hanover, W. Germany.
<i>Nagano</i>	<i>Nagano.</i> Japan.
<i>NAJN</i>	<i>North American Journal of Numismatics.</i> Chicago, IL, U.S.A.
<i>NarodAziiAfriki</i>	<i>Narody Azii i Afriki. Istoriia, Ekonomika, Kul'tura.</i> Akademiia Nauk SSSR, Institut Narodov Azii, Institut Afriki, Moscow, U.S.S.R.
<i>Nasa Rodina</i>	<i>Nasa Rodina</i> [Our Homeland]. Sofia, Bulgaria.
<i>NatA</i>	<i>Nationalmuseets Arbeidsmark.</i> Copenhagen, Denmark.
<i>NC</i>	<i>Numismatic Chronicle.</i> Royal Numismatic Society, London, England.
<i>NCirc</i>	<i>Numismatic Circular.</i> Spink and Son, Ltd., London, England.

<i>NCour</i>	<i>Numismatic Courier</i> . Toronto, Canada.
<i>NE</i>	<i>Numizmatika i Epigrafika</i> . Akademiia Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>NGQ</i>	<i>Numismatic Gazette Quarterly</i> . Newcastle-upon-Tyne, England.
<i>NH</i>	<i>Numismatische Hefte</i> . Kulturbund der DDR Gesellschaft für Heimatgeschichte Bezirksfachausschuss Numismatik, Dresden, DDR.
<i>NI</i>	<i>Numismatics International</i> . Dallas, TX, U.S.A.
<i>NipponKKKN</i>	<i>Nippon Kunshô Kenkyû-kai Newsletter</i> . Bakersfield, CA, U.S.A.
<i>Nippon Rekishi</i>	<i>Nippon Rekishi</i> [Japanese History]. Nippon Rekishi Gakkai [Japanese Historical Institution], Tokyo, Japan.
<i>NK</i>	<i>Numizmatikai Közlöny</i> . Magyar Numizmatikai Társulat, Budapest, Hungary.
<i>NL</i>	<i>Numismatic Literature</i> . New York, NY, U.S.A.
<i>NListy</i>	<i>Numismatické Listy</i> . Národní Muzeum a Numismatická Společnost Československá, Prague, Czechoslovakia.
<i>NM</i>	<i>Numismatiska Meddelanden</i> . Svenska Numismatiska Föreningen, Stockholm, Sweden.
<i>NMessenger</i>	<i>The Numismatic Messenger</i> . Pacific Palisades, CA, U.S.A.
<i>NN</i>	<i>Numismatic News Weekly</i> . Iola, WI, U.S.A.
<i>NNA</i>	<i>Nordisk Numismatisk Årsskrift</i> . <i>Scandinavian Numismatic Journal</i> . Scandinavian Numismatic Union, Lund, Sweden.
<i>NNb</i>	<i>Numismatisches Nachrichtenblatt</i> . <i>Organ des Verbandes der Deutschen Münzvereine</i> . Emden, W. Germany.
<i>NNF-Nytt</i>	<i>NNF-Nytt. Meddelelser fra Norsk Numismatisk Forening</i> . Journal of the Norwegian Numismatic Society, Oslo, Norway.
<i>NNM</i>	<i>Numismatic Notes and Monographs</i> . American Numismatic Society, New York, NY, U.S.A.
<i>NNUM</i>	<i>Nordisk Numismatisk Unions Medlemsblad</i> . Copenhagen, Denmark.
<i>Nomisma</i>	<i>Nomisma</i> . Association des Cheminots Numismats, Paris, France.
<i>NomKhron</i>	<i>Nomismatika Khronika</i> . Hellenic Numismatic Society, Athens, Greece.
<i>NorArchRev</i>	<i>Norwegian Archaeological Review</i> . Norsk

<i>NorddJMuG</i>	Arkeologisk Kommissjon, Oslo, Norway. <i>Norddeutsches Jahrbuch für Münzkunde und verwandte Gebiete</i> . Verlag des Auktionshauses Tietjen Hamburg, W. Germany.
<i>NordharzerJ</i>	<i>Nordharzer Jahrbuch</i> . Veröffentlichungen des Städtischen Museums Halberstadt, Halberstadt, DDR.
<i>Nordost-Archiv</i>	<i>Nordost-Archiv</i> . Nordostdeutscher Kulturwerk, Lüneburg, W. Germany.
<i>Norfolk Arch</i>	<i>Norfolk Archaeology</i> . Norfolk and Norwich Archaeological Society, Norwich, England.
<i>North Staffordshire JField Stud</i>	<i>North Staffordshire Journal of Field Studies</i> . University College of North Staffordshire, Keele, England.
<i>NotChiostroMonMagg</i>	<i>Notizie dal Chiostro del Monastero Maggiore</i> . Civico Museo Archeologico/Civico Gabinetto Numismatico, Milan, Italy.
<i>NPlockie</i>	<i>Notatki Plockie</i> . Towarzystwo Naukowe Plockie, Plock, Poland.
<i>NRCG</i>	<i>Numismatic Review and Coin Galleries Fixed Price List</i> . Coin Galleries, New York, NY, U.S.A.
<i>NRCyprus</i>	<i>Numismatic Report</i> . Cyprus Numismatic Society, Larnaca, Cyprus.
<i>NS</i>	<i>Numismatic Studies</i> . American Numismatic Society, New York, NY, U.S.A.
<i>NsächsJLgesch</i>	<i>Niedersächsisches Jahrbuch für Landesgeschichte</i> . Verlag August Lax, Hildesheim, W. Germany.
<i>NScavAnt</i>	<i>Notizie degli Scavi di Antichità</i> . Accademia Nazionale dei Lincei, Rome Italy.
<i>NS(Czech)</i>	<i>Numismatický Sborník</i> . Československá Akademie Věd, Historický Ústav, Numismatická Komise, Prague, Czechoslovakia.
<i>NSM</i>	<i>Numismatic Scrapbook Magazine</i> . Sidney, OH, U.S.A.
<i>NSR</i>	<i>National Sculpture Review</i> . National Sculpture Society, New York, NY, U.S.A.
<i>NS(USSR)</i>	<i>Numizmaticheskii Sbornik. Materialy k katalogu numizmaticheskogo sobraniia Gosudarstvennyi Istoricheskii Muzei</i> . Moscow, U.S.S.R.
<i>Num</i>	<i>Numismatist</i> . Official Publication of the American Numismatic Association. Colorado Springs, CO, U.S.A.
<i>NumAntClas</i>	<i>Quaderni Ticinesi. Numismatica e Antichità Classiche</i> . Gli Amici dei Quaderni Ticinesi di Numismatica e Antichità Classiche,

	Lugano, Switzerland.
<i>NumBeitr</i>	<i>Numismatische Beiträge</i> . Deutscher Kulturbund, Berlin, DDR.
<i>NumChange</i>	<i>Numismatique et Change</i> . Louppy-sur-Cher, Bar-le-Duc, France.
<i>NumDigest</i>	<i>Numismatic Digest</i> . Numismatic Society of Bombay, Bombay, India.
<i>NumHisp</i>	<i>Numario Hispánico</i> . Superior de Investigaciones Científicas, Museo Arqueológico Nacional y Asociación Numismática Española, Madrid/Barcelona, Spain.
<i>Numisma</i>	<i>Numisma</i> . Madrid, Spain.
<i>Numismaatikko</i>	<i>Numismaatikko</i> . Suomen Numismaattikoliitto r. y:n julkaisu, Helsinki, Finland.
<i>Numisma(Austral)</i>	<i>Numisma. An Occasional Numismatic Magazine</i> . Melbourne, Australia.
<i>Numismatica</i>	<i>Numismatica. Periodico di Cultura e di Informazione Numismatica</i> . Rome, Italy.
<i>Numismática(Brazil)</i>	<i>Numismática</i> . Rio de Janeiro, Brazil.
<i>NumIsrael</i>	<i>Numismatics in Israel</i> . Elat, Israel.
<i>Numizmatičar</i>	<i>Numizmatičar</i> . National Museum, Belgrade, Yugoslavia, and the Serbian Numismatic Society.
<i>Numizmatika</i>	<i>Numizmatika</i> . [Union of Philatelists in Bulgaria], Sofia, Bulgaria.
<i>NumMoravica</i>	<i>Numismatica Moravica</i> . Moravské Muzeum, Brno, Czechoslovakia.
<i>Nummus</i>	<i>Nummus</i> . Oporto, Portugal.
<i>Numogram</i>	<i>Numogram</i> . Society for International Numismatics, Santa Monica, CA, U.S.A.
<i>NumRapp</i>	<i>Numismatisk Rapport</i> . Meddelelser fra dansk numismatisk forening. Copenhagen, Denmark.
<i>NumSfrag</i>	<i>Numizmatika i Sfragistika</i> . Akademiia Nauk Ukrainskoi SSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>NumStockholm</i>	<i>Numismatica Stockholmiensia. Annual Reports and Acquisitions of the Royal Coin Cabinet, National Museum of Monetary History</i> . Stockholm, Sweden.
<i>NV</i>	<i>Numizmatičke Vijesti</i> . Hrvatsko Numismatičko Društvo [Croatian Numismatic Society], Zagreb, Yugoslavia.
<i>NZ</i>	<i>Numismatische Zeitschrift</i> . Numismatische Gesellschaft, Vienna, Austria.
<i>NZN</i>	<i>Royal Numismatic Society of New Zealand Newsletter</i> . Wellington, New Zealand.

<i>NZNJ</i>	<i>New Zealand Numismatic Journal. Proceedings of the Royal Numismatic Society of New Zealand.</i> Wellington, New Zealand.
<i>ObshchestNaukUzbek</i>	<i>Obshchestvennye Nauki v Uzbekistane.</i> Akademiya Nauk Uzbekskoi SSR, Tashkent, U.S.S.R.
<i>Ogam</i>	<i>Ogam. Tradition Celtique.</i> Amis de la Tradition Celtique, Rennes, France.
<i>Okayama Shigaku</i>	<i>Okayama Shigaku</i> [Historical Science of Okayama]. Okayama Historical Science Society, Okayama University, Okayama, Japan.
<i>ONSN</i>	<i>Oriental Numismatic Society Newsletter.</i> Reading, England.
<i>OpuscAthen</i>	<i>Opuscula Atheniensia. Skrifter Utgivna av Svenska Institutet i Athen—Acta Instituti Atheniensis Regni Sueciae.</i> Lund, Sweden.
<i>Ordenskunde</i>	<i>Ordenskunde. Beiträge zur Geschichte der Auszeichnungen.</i> International Gesellschaft für Wissenschaftliche Ordenskunde, Berlin, W. Germany.
<i>Oriens Antiquus</i>	<i>Oriens Antiquus.</i> Istituto per l'Oriente, Centro per l'Antichità e la Storia dell'arte del Vicino Oriente, Rome, Italy.
<i>OrientLovan</i>	<i>Orientalia Lovaniensia Periodica.</i> Instituut voor Oriëntalistiek, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>OrientSuecana</i>	<i>Orientalia Suecana.</i> Institutionen för semitiska språk, Uppsala, Sweden.
<i>Osječki Zbor</i>	<i>Osječki Zbornik.</i> Musej Slavonije, Osijek, Yugoslavia.
<i>OsnabrückMitt</i>	<i>Osnabrücker Mitteilungen.</i> Osnabrück, W. Germany.
<i>ONSOP</i>	<i>Oriental Numismatic Society Occasional Papers.</i> Reading, England.
<i>Otchłani Wieków</i>	<i>Z Otchłani Wieków.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>Oxoniensia</i>	<i>Oxoniensia.</i> Oxford Architectural and Historical Society, Oxford, England.
<i>ÖZV</i>	<i>Österreichische Zeitschrift für Volkskunde.</i> Vienna, Austria.
<i>PACT</i>	<i>PACT. Revue du groupe européen d'études pour les techniques physiques, chimiques et mathématiques appliquées à l'archéologie.</i> Strasbourg, France/Rixensart, Belgium.
<i>Padusa</i>	<i>Padusa. Bollettino del Centro Polesano di Studi Storici, Archeologici ed Etnografici.</i> Italy.

<i>PalSbor</i>	<i>Palestinskiĭ Sbornik</i> . Akademiĭa Nauk SSSR, Rossiĭskoe Palestinskoe Obshchestvo, Moscow, U.S.S.R.
<i>Parchemin</i>	<i>Le Parchemin</i> . Office Généalogique et Héraldique de Belgique, Musées Royaux d'Arts et d'Histoire, Brussels, Belgium.
<i>Patma-Banasirakan Handes</i>	<i>Patma-Banasirakan Handes</i> . See <i>IstFilZhurANArmian</i> .
<i>Pays Gaumais</i>	<i>Le Pays Gaumais</i> . Le Musée Gaumais, Virton, Belgium.
<i>PBSR</i>	<i>Papers of the British School at Rome</i> . London, England.
<i>Penny-Wise</i>	<i>Penny-Wise</i> . Early American Coppers, Inc., New York, NY, U.S.A.
<i>Peñzügyi Szemle</i>	<i>Peñzügyi Szemle</i> [Financial Review]. Budapest, Hungary.
<i>PEQ</i>	<i>Palestine Exploration Quarterly</i> . Palestine Exploration Fund, London, England.
<i>Peuce</i>	<i>Peuce</i> . Muzeul Delta Dunării, Tulcea, Romania.
<i>Pfälzer H</i>	<i>Pfälzer Heimat</i> . Speyer, W. Germany.
<i>PhilatPreg</i>	<i>Philatelen Pregeld</i> . Sofia, Bulgaria.
<i>Phoenix</i>	<i>Phoenix</i> . Journal of the Classical Association of Canada. Toronto, Canada.
<i>Physis</i>	<i>Physis</i> . Rivista internazionale di Storia della Scienza. Florence, Italy.
<i>Picus</i>	<i>Picus</i> . Il Ponte, Canale di Montemerano, Rome, Italy.
<i>PismPamVostoka</i>	<i>Pis'mennye Pamiatniki Vostoka</i> . Akademiĭa Nauk SSSR, Institut Vostokovedeniĭa, Moscow, U.S.S.R.
<i>Plus Ultra</i>	<i>Plus Ultra</i> . Azteca Numismatic Society, Los Angeles, California, U.S.A.
<i>PM</i>	<i>Paper Money</i> . Official Publication of the Society of Paper Money Collectors. Jefferson, WI, U.S.A.
<i>PMatMuzArchEtno</i>	<i>Prace i Materiały Museum Archeologicznego i Etnograficznego w Łodzi</i> . Museum Archeologiczne Etnograficzne w Łodzi, Łódź, Poland.
<i>Pontica</i>	<i>Pontica</i> . Studii și Materiale de Istorie, Arheologie și Muzeografie. Muzeul de arheologie, Constanța, Romania.
<i>Post-Medieval Arch</i>	<i>Post-Medieval Archaeology</i> . Society for Post-Medieval Archaeology, London, England.
<i>PP</i>	<i>La Parola del Passato</i> . Rivista di Studi Antichi. Naples, Italy.
<i>PProcHampshire Field Club</i>	<i>Papers and Proceedings of the Hampshire Field Club and Archaeological Society</i> . Southampton,

	England.
<i>PracMat</i>	<i>Prace i Materiały Muzeum Archeologicznego i Etnograficznego w Łodzi. Seria numizmatyczna i konserwatorska. The Archaeological and Ethnographical Museum, Lodz, Poland.</i>
<i>Praktika</i>	<i>Praktika tēs en Athēnais Arkhaiologikēs Hetairias. Archaeological Society, Athens, Greece.</i>
<i>Pražský SborHist</i>	<i>Pražský Sborník Historický. Prague, Czechoslovakia.</i>
<i>Preistoria</i>	<i>Preistoria. Bullettino di Paletnologia Italiana. Museo Nazionale Preistorico ed Etnografico "L. Pigorini," Rome, Italy.</i>
<i>ProbVostok</i>	<i>Problemy Vostokovedeniia. Akademiia Nauk SSSR, Institut Vostokovedeniia, Institut Kitaevedeniia, Moscow, U.S.S.R.</i>
<i>ProcCambridge AntSoc</i>	<i>Proceedings of the Cambridge Antiquarian Society. Cambridge, England.</i>
<i>ProcCambridge PhilSoc</i>	<i>Proceedings of the Cambridge Philological Society. Cambridge, England.</i>
<i>ProcDevon ArchSoc</i>	<i>Proceedings of the Devon Archaeological Society. Exeter, England.</i>
<i>ProcDorset NaturHist ArchSoc</i>	<i>Proceedings of the Dorset Natural History and Archaeological Society. Dorchester, England.</i>
<i>ProcPrehistSoc</i>	<i>Proceedings of the Prehistoric Society. London, England.</i>
<i>ProcRoyal Irish Acad</i>	<i>Proceedings of the Royal Irish Academy. Dublin, Ireland.</i>
<i>ProcSocAntiqScotland</i>	<i>Proceedings of the Society of Antiquaries of Scotland. Edinburgh, Scotland.</i>
<i>ProcSomerset ArchNaturHist Soc</i>	<i>Proceedings of the Somerset Archaeology and Natural History Society. Taunton, England.</i>
<i>ProcSuffolk InstArch</i>	<i>Proceedings of the Suffolk Institute of Archaeology. Ipswich, England.</i>
<i>Przegląd Hist</i>	<i>Przegląd Historyczny. Towarzystwo Miłośników Historii, Warsaw, Poland.</i>
<i>PubHistInstLuxembourg</i>	<i>Publications de la Section Historique de l'Institut Grand-Ducal de Luxembourg. Luxembourg.</i>
<i>Pyrenae</i>	<i>Pyrenae. Universidad de Barcelona, Instituto de Arqueología y Prehistoria, Barcelona, Spain.</i>
<i>Qadmoniot</i>	<i>Qadmoniot. Israel Exploration Society, Jerusalem, Israel.</i>
<i>QAssocLigArchStorNav</i>	<i>Quaderni. Associazione Ligure de Archeologia e Storia Navale, Genoa, Italy.</i>
<i>QDAP</i>	<i>Quarterly of the Department of Antiquities in Palestine. Jerusalem, Israel.</i>
<i>QTicNumAntClas</i>	See <i>NumAntClas</i>

<i>QuadEstudMed</i>	<i>Quaderns d'Estudis Medievals</i> . Barcelona, Spain.
<i>QuadMed</i>	<i>Quaderni Medievali</i> . Dedalo, Bari, Italy.
<i>RANS</i>	<i>Report of the Australian Numismatic Society</i> . Sydney, Australia.
<i>RArchAntica Como</i>	<i>Rivista archeologica dell'antica provincia e diocesi di Como</i> . Como, Italy.
<i>RevArchéom</i>	<i>Revue Archéométrie</i> . Rennes, France.
<i>RArchHistArtLouvain</i>	<i>Revue des Archéologues et Historiens d'Art de Lou- vain</i> . Louvain, Belgium.
<i>RBelArchHistArt</i>	<i>Revue belge d'Archéologie et d'Histoire de l'Art</i> . Académie royale d'Archéologie de Belgique, Musée Bellevue, Brussels, Belgium.
<i>RBN</i>	<i>Revue Belge de Numismatique et de Sigillographie</i> . Société Royale de Numismatique de Belgi- que, Brussels, Belgium.
<i>REA</i>	<i>Revue des Études Anciennes. Annales de la Faculté des Lettres de Bordeaux</i> . Bordeaux, France.
<i>Real de a 8</i>	<i>Real de a 8</i> . Club Numismático Tepeaca, Puebla, Mexico.
<i>RecBuckinghamshire</i>	<i>Records of Buckinghamshire</i> . Aylesbury, England.
<i>RechÉconLouvain</i>	<i>Recherches Économiques de Louvain</i> . Louvain, Belgium.
<i>REG</i>	<i>Revue des Études Grecques</i> . Association pour l'En- couragement des Études Grecques en France, Paris, France.
<i>Rekishi Kyoiku</i>	<i>Rekishi Kyoiku</i> [The Journal of Historical Education]. Nippon Shoin, Tokyo, Japan.
<i>RendPontAcc</i>	<i>Rendiconti della Pontificia Accademia Romana di Ar- cheologia</i> . Rome, Italy.
<i>RepAAS Austral</i>	<i>Report of the Meeting of the Association for the Ad- vancement of Science</i> . Australasian Association for the Advancement of Science, Sydney, Australia.
<i>RevAlteneoParaguay</i>	<i>Revista del Alteneo Paraguayo</i> . Asunción, Paraguay.
<i>RevArch</i>	<i>Revue archéologique</i> . Paris, France.
<i>RevArchECE</i>	<i>Revue archéologique de l'Est et du Centre-Est</i> . Di- jon, France.
<i>RevArchNarbonn</i>	<i>Revue archéologique de Narbonnaise</i> . Montpellier, France.
<i>RevArchPic</i>	<i>Revue archéologique de Picardie</i> . Société des Anti- quités historiques de Picardie, Amiens, France.
<i>RevArhiv</i>	<i>Revista Arhivelor</i> . Bucharest, Romania.
<i>RevBanque</i>	<i>Revue de la Banque</i> . Union Syndicale Profes- sionnelle des Employés de Banque, Brussels, Belgium.

<i>RevBelgeHistMil</i>	<i>Revue Belge d'Histoire Militaire</i> . Les Amis du Musée Royal de l'Armée et d'Histoire Militaire, Brussels, Belgium.
<i>RevBelgePhilHist</i>	<i>Revue Belge de Philologie et d'Histoire</i> . Brussels, Belgium.
<i>RevÉtArmén</i>	<i>Revue des Études Arméniennes</i> . Société des Études Arméniennes, Paris, France.
<i>RevÉtSEEur</i>	<i>Revue des Études Sud-Est Européennes</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Studii Sud-Est Europene, Bucharest, Romania.
<i>RevInHistBanque</i>	<i>Revue Internationale d'Histoire de la Banque</i> . Geneva, Switzerland.
<i>RevMuzMMuz</i>	<i>Revista Muzeelor și Monumentelor, seria Muzeu</i> . Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>RevNord</i>	<i>Revue du Nord</i> . L'Université de Lille, l'Université de Picardie and la Direction de l'Enseignement Supérieur, du Centre National de la Recherche Scientifique, du Conseil Régional, des Conseils Généraux du Nord and du Pas-de-Calais and des villes de Lille and Amiens, Lille, France.
<i>RevNumArg</i>	<i>Revista Numismática Argentina</i> . Asociación Numismática Argentina, Buenos Aires, Argentina.
<i>RevVivarais</i>	<i>Revue du Vivarais</i> . Largentière, France.
<i>RheinVb</i>	<i>Rheinische Vierteljahrsblätter</i> . Institut für Geschichtliche Landeskunde der Rheinlande, Bonn Universität, Bonn, W. Germany.
<i>RHist</i>	<i>Revue Historique</i> . Paris, France.
<i>RHistDroit</i>	<i>Revue Historique de Droit Français et Étranger</i> . Paris, France.
<i>RiminiStorArtCult</i>	<i>Rimini Storia Arte e Cultura</i> . Rimini, Italy.
<i>RIN</i>	<i>Rivista Italiana di Numismatica e Scienze Affini</i> . Società Numismatica Italiana in Milano, Milan, Italy.
<i>RivStLiguri</i>	<i>Rivista di Studi Liguri</i> . Istituto Internazionale di Studi Liguri, Bordighera, Italy.
<i>RN</i>	<i>Revue Numismatique</i> . Société Française de Numismatique, Centre National de la Recherche Scientifique, Paris, France.
<i>RobbRpt</i>	<i>The Robb Report</i> . Robb Report, Inc., Alton, MA, USA.
<i>RoczBiałostocki</i>	<i>Rocznik Białostocki</i> . Muzeum w Białymstoku, Białystok, Poland.

<i>RoczHist</i>	<i>Roczniki Historyczne</i> . Poznańskie Towarzystwo Przyjaciół Nauk, Wydział Historii i Nauk Społecznych, Warsaw/Poznan, Poland.
<i>RoczJeleniogórski</i>	<i>Rocznik Jeleniogórski</i> . Towarzystwo Rozwoju Ziemi Zachodnich/Towarzystwo Przyjaciół Ziemi Jeleniogórskiej, Wrocław, Poland.
<i>RoczKrakowski</i>	<i>Rocznik Krakowski</i> . Towarzystwo Miłośników Historii i Zabytków, Kraków, Poland.
<i>RoczMuzNarodWarszawie</i>	<i>Rocznik Muzeum Narodowego w Warszawie</i> . Warsaw, Poland.
<i>RoczMuzŚwięt</i>	<i>Rocznik Muzeum Świętokrzyskiego</i> . Muzeum Świętokrzyskie w Kielcach, Kraków, Poland.
<i>RoczMuzToruniu</i>	<i>Rocznik Muzeum w Toruniu</i> . Torun, Poland.
<i>RodopskiZbor</i>	<i>Rodopski Zbornik</i> . B'lgarska Akademia na Naukite, Institut za Istoriia, Sofia, Bulgaria.
<i>RÖ</i>	<i>Römisches Österreich, Jahresschrift der österreichischen Gesellschaft für Archäologie</i> . Vienna, Austria.
<i>Romana Contact</i>	<i>Romana Contact</i> . Société d'Archéologie Romana, Ganshoren, Belgium.
<i>Romano-Barbarica</i>	<i>Romano-Barbarica</i> . Herder, Rome, Italy.
<i>RömQ</i>	<i>Römische Quartalschrift für christliche Altertumskunde und Kirchengeschichte</i> . Rome, Italy.
<i>RotenburgSchr</i>	<i>Rotenburger Schriften</i> . Heimatbund Rotenburg/Wümme, Kreisvereinigung für Heimat- und Kulturpflege e.V., Rotenburg/Wümme, W. Germany.
<i>RozČeskAkad</i>	<i>Rozpravy Československé Akademie Věd</i> . Prague, Czechoslovakia.
<i>RozNárodTechMuzPraze</i>	<i>Rozpravy Národního Technického Muzea v Praze</i> . Prague, Czechoslovakia.
<i>RRoumaineHist</i>	<i>Revue Roumaine d'Histoire</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>RRoumaineHistArt</i>	<i>Revue Roumaine d'Histoire de l'Art</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>RStorItal</i>	<i>Rivista Storica Italiana</i> . Edizioni scientifiche italiane, Naples, Italy.
<i>RStudFenici</i>	<i>Rivista di Studi Fenici</i> . Centro di Studi per la Civiltà Fenicia e Punica, Rome, Italy.
<i>RStudLiguri</i>	<i>Rivista di Studi Liguri</i> . Istituto Internazionale di Studi Liguri, Museo Bicknell, Bordighera, Italy.
<i>SA</i>	<i>Sovetskaia Arkheologiia</i> . Akademiia Nauk SSSR,

<i>Saguntum</i>	Institut Arkheologii, Moscow, U.S.S.R. <i>Saguntum</i> . Laboratorio de Arqueologia, Valencia, Spain.
<i>SAN</i>	<i>SAN. Journal of the Society for Ancient Numismatics</i> . Santa Monica, CA, U.S.A.
<i>Sanct Olof</i>	<i>Sanct Olof. Julbok för de Åländske Församlingarna</i> . Mariehamn, Åland Island.
<i>Sargetia</i>	<i>Sargetia. Acta Musei Regionalis Devensis</i> . Muzeul Județean, Deva, Romania.
<i>SBF</i>	<i>Studii Biblici Franciscani—Liber Annus</i> . Jerusalem, Israel.
<i>SborArchPrací</i>	<i>Sbornik Archivních Prací</i> . Ministerstvo Vnitřní, Prague, Czechoslovakia.
<i>SborNárodMuzPraze</i>	<i>Sbornik Národního Muzea v Praze (Acta Musei Nationalis Pragae)</i> , Series A-Historia. Prague, Czechoslovakia.
<i>SborPracíFilosFakBrno</i>	<i>Sbornik Prací Filosofické Fakulty</i> . Filosofická Fakulta, Řada E, Archeologicko-Klasická, Universiteta J.E. Purkyně, Brno, Czechoslovakia.
<i>SborVlastPracPodblanicka</i>	<i>Sbornik Vlastivědných Prací z Podblanicka</i> . Vlastivědné Muzeum Podblanicka, Jemniště, Czechoslovakia.
<i>ScandEcHistRev</i>	<i>Scandinavian Economic History Review</i> . Scandinavian Society for Economic and Social History and Historical Geography, Stockholm, Sweden.
<i>SchildSteier</i>	<i>Schild von Steier. Beiträge zur Steierischen Vor- und Frühgeschichte und Münzkunde</i> . Steierischen Landesmuseum Joanneum, Graz, Austria.
<i>Schlern</i>	<i>Schlern. Monatsschrift für Heimat- und Volkskunde</i> . Bolzano, Italy.
<i>SchneebergerHB</i>	<i>Schneeberger Heimatbüchlein</i> . Rat der Stadt, Schneeberg, E. Germany.
<i>SCIA</i>	<i>Studii și Cercetări de Istoria Artei. Seria Arta Plastică</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>SciAm</i>	<i>The Scientific American</i> . New York, NY, U.S.A.
<i>SCIVA</i>	<i>Studii și Cercetări de Istorie Veche și Arheologie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>SCMB</i>	<i>Seaby's Coin and Medal Bulletin</i> . London, England.
<i>SCN</i>	<i>Studii și Cercetări de Numismatică</i> . Academia de Științe Sociale și Politice a Republicii

<i>ScotHistR</i>	Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>Sefarad</i>	<i>Scottish Historical Review</i> . Aberdeen, Scotland.
	<i>Sefarad</i> . Consejo Superior de Investigaciones Científicas, Instituto Benito Arias Montano, Madrid, Spain.
<i>Sefunim</i>	<i>Sefunim</i> . <i>Bulletin of the Maritime Museum</i> . Haifa, Israel.
<i>Severní Morava</i>	<i>Severní Morava, Vstředný Sborník</i> . Vlastivedna Muzea na Sumperském Okrese, Zabreh, Czechoslovakia.
<i>Shekel</i>	<i>Shekel</i> . American Israel Numismatic Association, New York, NY, U.S.A.
<i>Sibrium</i>	<i>Sibrium</i> . Centro de Studi Preistorici ed Archeologici, Musei Civici di Villa Mirabello, Varese, Italy.
<i>Sicilia Arch</i>	<i>Sicilia Archaeologica. Rassegna Periodica di Studi, Notizie e Documentazione</i> . Ente Provinciale Turismo di Trapani, Trapani, Italy.
<i>Siegerland</i>	<i>Siegerland</i> . Siegerländer Heimatverein, Siegen, W. Germany.
<i>Širag</i>	<i>Širag. Amsagir Grakanut ean ew Aruesdi</i> [Sirag. An Armenian Monthly]. T'ek'eean Cultural Society, Beirut, Lebanon.
<i>SK</i>	<i>Sovetskii Kollektioner</i> . Izdatel'stvo Sviaz', Moscow, U.S.S.R.
<i>SkandNumis</i>	<i>Skandinavisk Numismatik</i> . Skärholmen, Sweden.
<i>ŚląskiKwartHistSobótka</i>	<i>Śląski Kwartalnik Historyczny Sobótka</i> . Wrocławskie Towarzystwo Miłośników Historii, Wrocław, Poland.
<i>Slavia Ant</i>	<i>Slavia Antiqua. Periodical Devoted to Slavonic Antiquities</i> . Poznań, Poland.
<i>Sleszký Num</i>	<i>Sleszký Numismatik</i> . Sleszké Muzeum v Opavě, Opava, Czechoslovakia.
<i>SlovArch</i>	<i>Slovenská Archeológia</i> . Archeologický Ústav Slovenskej Akadémie Věd, Nitra-Hrad, Czechoslovakia.
<i>SlovNumiz</i>	<i>Slovenské Numizmatika</i> . Slovenské Akadémie Věd, Historický Ústav, Numizmatická Komisia, Bratislava, Czechoslovakia.
<i>SM</i>	<i>Schweizer Münzblätter (Gazette Numismatique Suisse)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNR</i>	<i>Schweizerische Numismatische Rundschau (Revue Suisse de Numismatique)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse

<i>SNT</i>	de Numismatique), Bern, Switzerland. <i>Svensk Numismatisk Tidskrift</i> . Stockholm, Sweden. Formerly <i>Myntkontakt</i> .
<i>SocNumMéxico Bol</i>	<i>Sociedad Numismática de México. Boletín</i> . Mexico City, Mexico.
<i>Sønderjyds M-skr</i>	<i>Sønderjyds Månedsskrift</i> . Historisk Samfund for Sønderjylland, Haderslev, Denmark.
<i>Soester Z</i>	<i>Soester Zeitschrift</i> . Verein für die Geschichte von Soest und der Börde, Soest, W. Germany.
<i>Somerset ArchNatHist</i>	<i>Somerset Archaeology and Natural History</i> . Proceedings of the Somersetshire Archaeology and Natural History Society, Taunton, England.
<i>SoobANGruzSSR</i>	<i>Soobshcheniia Akademii Nauk Gruzinskoï SSR</i> . Tiflis, U.S.S.R.
<i>SoobGErmitazh</i>	<i>Soobshcheniia Gosudarstvennogo Ermitazha</i> . Leningrad, U.S.S.R.
<i>SoobGMuzIzobIskPushkin</i>	<i>Soobshcheniia Gosudarstvennyi Muzei Izobrazitel'nykh Iskusstv Imeni A.S. Pushkina</i> . Moscow/Leningrad, U.S.S.R.
<i>SoobKhersonMuz</i>	<i>Soobshcheniia Khersonnenskogo Muzeia</i> . Sebastopol. Simferopol, U.S.S.R.
<i>Soproni Szemle</i>	<i>Soproni Szemle</i> . Sopron, Hungary.
<i>Sot la Nape</i>	<i>Sot la Nape</i> . Società Filologica Friulana, Udine, Italy.
<i>Sovetskie Arkhivy</i>	<i>Sovetskie Arkhivy</i> . Glavnoe arkhivnoe upravlenie pri Sovete Ministrov SSSR, Moscow, U.S.S.R.
<i>Speculum</i>	<i>Speculum. A Journal of Mediaeval Studies</i> . Mediaeval Academy of America, Cambridge, MA, U.S.A.
<i>Spoletium</i>	<i>Spoletium</i> . Accademia Spoletina, Spoleto, Italy.
<i>Sprache</i>	<i>Die Sprache. Zeitschrift für Sprachwissenschaft</i> . Wiener Sprachwissenschaft, Vienna, Austria.
<i>SprawNum</i>	<i>Sprawozdania Numismatyczne. Muzeum Archeologiczne i Etnograficzne w Łodzi</i> . Łódź, Poland.
<i>Sprawozdania KomNauk PAN</i>	<i>Sprawozdania z Posiedzeń Komisji Naukowych Polskiej Akademii Nauk</i> . Cracow, Poland.
<i>SSCA</i>	<i>Stockholm Studies in Classical Archaeology</i> . Stockholm, Sweden.
<i>Starinar</i>	<i>Starinar</i> . Srpska Akademija Nauka, Arkheološki Institut, Belgrade, Yugoslavia.
<i>StudActa Orient</i>	<i>Studia et Acta Orientalia</i> . Académie Roumaine, Bucharest, Romania.
<i>StudAlb</i>	<i>Studia Albanica</i> . Université d'État de Tirana, In-

	stitut d'Histoire et de Linguistique, Tirana, Albania.
<i>StudAntArch</i>	<i>Studia antiqua et archaeologica</i> . Universitatea Al. I. Cuza, Facultatea de istorie și filosofie. Iași, Romania.
<i>StudArchaeologica</i>	<i>Studia Archaeologica</i> . Universidad de Valladolid, Valladolid, Spain.
<i>StudArcheologiczne</i>	<i>Studia Archeologiczne</i> . Instytut Archeologii, Uniwersytet Warszawski, Poland.
<i>StudCercBuzău</i>	<i>Studii și Cercetări de Istorie Buzoiană</i> . Comitetul județean de Cultură și Educație Socialistă Buzău, Muzeul Județean de Istorie, Buzău, Romania.
<i>StudClas</i>	<i>Studii Clasice</i> . Academia Republicii Socialiste România, Bucharest, Romania.
<i>Studies in Conservation</i>	<i>Studies in Conservation</i> . International Institute for Conservation of Historic and Artistic Works, London, England.
<i>Studi Magrebini</i>	<i>Studi Magrebini</i> . Centro di Studi Magrebini, Naples, Italy,
<i>StudIran</i>	<i>Studia Iranica</i> . F.E.J. Brill, Leiden, The Netherlands.
<i>Studi Romagnoli</i>	<i>Studi Romagnoli</i> . Società di Studi Romagnoli, Faenza, Italy.
<i>StudMatMuzIstMil</i>	<i>Studii și Materiale de Muzeografie și Istorie Militară</i> . Musée Central Militaire, Bucharest, Romania.
<i>StudPicena</i>	<i>Studia Picena</i> . Fano, Italy.
<i>StudSard</i>	<i>Studi Sardi</i> . Università di Cagliari, Istituto di Studi Sardi, Sassari, Sardinia, Italy.
<i>StudVenez</i>	<i>Studi Veneziani</i> . Centro di Cultura e Civiltà Istituto di Storia della Società e dello Stato Veneziano, Florence, Italy.
<i>StudŹródłoznawcze</i>	<i>Studia Źródłoznawcze. Commentationes</i> . Polska Akademia Nauk, Instytut Historii, Warsaw, Poland.
<i>Suceava</i>	<i>Suceava. Anuarul Muzeului Județean</i> . Suceava, Romania.
<i>SüdostdeutschesArchiv</i>	<i>Südostdeutsches Archiv</i> . Südostdeutschen Historischen Kommission, Munich, W. Germany.
<i>Südost-Forsch</i>	<i>Südost-Forschungen. Internationale Zeitschrift für Geschichte, Kultur und Landeskunde Südosteuropas</i> . Südost-Institut, Munich, W. Germany.
<i>Sumer</i>	<i>Sumer</i> . Directorate General of Antiquities, Baghdad, Iraq.

<i>Suomen Museo</i>	<i>Suomen Museo</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>Surrey ArchColl</i>	<i>Surrey Archaeological Collections</i> . Surrey Archaeological Society, Guildford, England.
<i>SussexArchColl</i>	<i>Sussex Archaeological Collections Relating to the History and Antiquities of the County</i> . Sussex Archaeological Society, Sussex, England.
<i>Syria</i>	<i>Syria. Revue d'Art Oriental et d'Archéologie</i> . Institut français d'Archéologie de Beyrouth, Paris, France.
<i>A. SzékelyNumzMuz Ertes</i>	<i>A. Székely Nemzeti Múzeum Ertesítője</i> . Musée d'Histoire Locale, Sfântu-Gheorghe, Romania.
<i>TAF</i>	<i>Corpus des trésors monétaires antiques de la France</i> . Paris, France.
<i>Taiyo</i>	<i>Taiyo</i> [The Sun]. Tokyo, Japan.
<i>TAMSJ</i>	<i>TAMS Journal</i> . Official Organ of the Token and Medal Society. Sepulveda, CA, U.S.A.
<i>Tatslil</i>	<i>Tatslil</i> [The Chord]. <i>Forum for Music Research and Bibliography</i> . Music Library, Haifa, Israel.
<i>TCNRS</i>	<i>Transactions of the Canadian Numismatic Research Society</i> . Espanola, Ontario, Canada.
<i>Tel-Aviv</i>	<i>Tel-Aviv</i> . Tel-Aviv University, Institute of Archaeology, Israel.
<i>Telegrafo</i>	<i>El Telegrafo</i> . Guayaquil, Ecuador.
<i>Terra Santa</i>	<i>Terra Santa</i> . Franciscan Printing Press, Jerusalem, Israel.
<i>Thessaloniki</i>	<i>Thessaloniki</i> . Thessalonica, Greece.
<i>Thraco-Dacica</i>	<i>Thraco-Dacica</i> . Academiei Republicii Socialiste Romania, Bucharest, Romania.
<i>Tibiscus</i>	<i>Tibiscus</i> . Muzeul Banatului, Timișoara, Romania.
<i>Tijdschr num</i>	<i>Tijdschrift voor numismatiek</i> . Brussels, Belgium.
<i>TNAN</i>	<i>Texas Numismatic Association News</i> . Tyler, TX, U.S.A.
<i>Toyo Bunka KenkyuKiyo</i>	<i>Toyo Bunka Kenkyushu Kiyo</i> [Memoirs of the Institute for Oriental Culture]. University of Tokyo, Tokyo, Japan.
<i>TransB'hamWarwksArchSoc</i>	<i>Transactions of the Birmingham and Warwickshire Archaeological Society</i> . New title of <i>TransProc-Birmingham ArchSoc</i> .
<i>TransBristol Gloucestershire ArchSoc</i>	<i>Transactions of the Bristol and Gloucestershire Archaeological Society</i> . Bristol, England.
<i>TransDumfriesshireGalloway NaturHistAntSoc</i>	<i>Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society</i> . Edinburgh, Scotland.
<i>TransEssexArchSoc</i>	<i>Transactions of the Essex Archaeological Society</i> . Col-

<i>TransLichSSStaffsArchHistSoc</i>	chester, England. See also <i>EssexArchHist</i> . <i>Transactions of the Lichfield and South Staffordshire Archaeological and Historical Society</i> . Bloxwich, England.
<i>TransLondonM'sexArchSoc</i>	<i>Transactions of the London and Middlesex Archaeological Society</i> . London, England.
<i>TransShropArchSoc</i>	<i>Transactions of the Shropshire Archaeological Society</i> . Shressbury, England.
<i>TransSSStaffsArchHistSoc</i>	Formerly <i>TransLichSSStaffsArchHistSoc</i> .
<i>TransThorotonSocNotts</i>	<i>Transactions of the Thoroton Society of Nottinghamshire</i> . Nottingham, England.
<i>TransWoolhope Naturalists</i>	<i>Transactions of the Woolhope Naturalists' Field Club</i> . Hereford, England.
<i>TransWorcsArchSoc</i>	<i>Transactions of the Worcestershire Archaeological Society</i> . Worcester, England.
<i>Trésors monétaires</i>	<i>Trésors monétaires</i> . Bibliothèque nationale, Paris, France.
<i>Trierer ZGeschKunst</i>	<i>Trierer Zeitschrift für Geschichte und Kunst des Trierer Landes und seiner Nachbargebiete</i> . Rheinisches Landesmuseum, Trier, W. Germany.
<i>TrudyANTadzh</i>	<i>Trudy</i> . Akademiia Nauk Tadzhikskoi SSR, Stalinabad, U.S.S.R.
<i>Trudy GErmitazh</i>	<i>Trudy Gosudarstvennogo Ermitazha</i> . Leningrad, U.S.S.R.
<i>Trudy Ist-KraevMuzMold</i>	<i>Trudy Istoriko-Kraevedcheskogo Muzeia Moldavskoi SSR</i> . Kishinev, U.S.S.R.
<i>TTT</i>	<i>Trade Token Topics</i> . Merchant Token Collectors Association, Richmond Beach, WA, U.S.A.
<i>T'ungPao</i>	<i>T'ungPao</i> . Society for Oriental Numismatics, Iowa City, IO, U.S.A.
<i>Tvorchestvo</i>	<i>Tvorchestvo</i> . Sofuz Khudozhnikov SSSR, Moscow, U.S.S.R.
<i>Udine</i>	<i>Udine, Bollettino delle Civiche Istituzioni Culturali</i> . Udine, Italy.
<i>UkrIstZhurnal</i>	<i>Ukrainskyi Istorichnyi Zhurnal</i> . Akademiia Nauk URSR, Instytut Istorii/Komunistychna Partii Ukrainy, Instytut Istorii, Kiev, U.S.S.R.
<i>Ulster JArch</i>	<i>Ulster Journal of Archaeology</i> . Belfast, Northern Ireland.
<i>Unsere Heimat</i>	<i>Unsere Heimat</i> . Verein für Landeskunde von Niederösterreich und Wien, Vienna, Austria.
<i>Valachica</i>	<i>ActaValachica. Studii și Materiale de Istorie a Culturii</i> . Muzeul Județean Dimbovița, Tirgoviște, Romania.
<i>VaNum</i>	<i>The Virginia Numismatist</i> . Virginia Numismatic

	Association, Hampton, VA, U.S.A.
<i>Vasi Szemle</i>	<i>Vasi Szemle</i> . Savaria Muzeum, Szombathely, Hungary.
<i>VDI</i>	<i>Vestnik Drevnei Istorii</i> (<i>Revue d'Histoire Ancienne</i>). Moscow, U.S.S.R.
<i>Vecherni Novini</i>	<i>Vecherni Novini</i> . Sofia, Bulgaria.
<i>Vekove</i>	<i>Vekove</i> . Revue de la Société historique bulgare, Sofia, Bulgaria.
<i>VestGosMuzGruz</i>	<i>Vestnik Gosudartsvennogo Muzeia Gruzii imeni Akademiika S. N. Dzhnashia</i> . Tiflis, U.S.S.R.
<i>VestIstMirovKul't</i>	<i>Vestnik Istorii Mirovoi Kult'ury</i> . Moscow, U.S.S.R.
<i>VestLatvPSRAkad</i>	<i>Vēstis</i> . Latvijas Padomju Socialistikas Republikas zinatu Akademija, Riga, U.S.S.R.
<i>VestMoscowU</i>	<i>Vestnik Moskovskogo Universiteta</i> . Moscow, U.S.S.R.
<i>VestOtdelObshchNauk Gruz</i>	<i>Vestnik</i> . See <i>Matsne</i> .
<i>VeszprémMegyeiMuzKözlem</i>	<i>Veszprém Megyei Muzeumok Közleményei</i> . Veszprém, Hungary.
<i>VI</i>	<i>Voprosy Istorii</i> . Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>VID</i>	<i>Vspomogatel'nye Istoricheskie Distipliny</i> . Akademiia Nauk SSSR, otделение istorii, arkheograficheskaiia komissiiia, Leningradskoe otделение, Leningrad, U.S.S.R.
<i>Vie num</i>	<i>La Vie numismatique</i> . Alliance européenne de numismatique, Brussels, Belgium.
<i>14 Tage Göttingen</i>	<i>14 Tage Göttingen</i> . Göttingen, W. Germany.
<i>Vie Wallonne</i>	<i>La Vie Wallonne</i> . Revue mensuelle illustrée. Liège, Belgium.
<i>Vita Veronese</i>	<i>Vita Veronese</i> . Rivista mensile di cultura. Verona, Italy.
<i>Voenno-IstZhurnal</i>	<i>Voenno-Istoricheskiĭ Zhurnal</i> . Ministerstvo Oborony SSSR, Moscow, U.S.S.R.
<i>VÖstGeschichtsv</i>	<i>Veröffentlichen des Verbandes Österreichischer Geschichtsvereine</i> . Vienna, Austria.
<i>VolkstumLandschaft</i>	<i>Volkstum und Landschaft</i> . Heimatblätter der Münsterländische Tageszeitung. Clopenburg, W. Germany.
<i>VV</i>	<i>Vizantiiskii Vremennik</i> . Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>VznikPočátky Slov</i>	<i>Vznik a Počátky Slovanů</i> . Origine et Débuts des Slaves. Československá Akademie Věd, Sekce Historická, Slovanský Ústav, Prague, Czechoslovakia.
<i>Wavriensia</i>	<i>Wavriensia</i> . Bulletin du Cercle Historique et Ar-

	<i>chéologique de Wavre et de la Région.</i> Wavre, Belgium.
WCN	<i>World Coin News.</i> Iola, WI, U.S.A.
WCoin	<i>World Coins.</i> Sidney, OH, U.S.A.
Wenwu	<i>Wen Wu</i> [Cultural Relics]. Beijing, People's Republic of China.
Westfalenspiegel	<i>Westfalenspiegel.</i> Westfälischer Heimatbund, Dortmund, W. Germany.
WG	<i>Wetterauer Geschichtsblätter.</i> Bindernagelsche Buchhandlung, Friedberg, W. Germany.
WienZKunde SüdOstasiens	<i>Wiener Zeitschrift für die Kunde Süd- und Ostasiens und Archiv für Indische Philosophie.</i> Indologische Institut, Universität Wien, Vienna, Austria.
Wiltshire ArchMag	<i>Wiltshire Archaeological Magazine.</i> Wiltshire Archaeological Society, Devizes, England.
Winterthur Jb	<i>Winterthur Jahrbuch.</i> Winterthur, Switzerland.
WN	<i>Wiadomości Numizmatyczne.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
WNJ	<i>Whitman Numismatic Journal.</i> Racine, WI, U.S.A.
WrocZapNum	<i>Wrocławskie Zapiski Numizmatyczne.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział Wrocławski, Sekcja Numizmatyczna, Wrocław, Poland.
WZeitschriftFSUnivJena	<i>Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena.</i> Jena, E. Germany.
YN	<i>The Young Numismatist.</i> American Numismatic Association, Colorado Springs, CO, U.S.A.
Yokohama Shodai Ronshu	<i>Yokohama Shodai Ronshu</i> [Review of Yokohama Commercial College]. Yokohama, Japan.
Yorkshire ArchJ	<i>Yorkshire Archaeological Journal.</i> Yorkshire Archaeological Society, London, England.
ZapOdessArkObshch	<i>Zapiski.</i> Odesskoe Arkheologicheskoe Obshchestvo, Odessa, U.S.S.R.
ZborArheolMuz	<i>Zbornik na Arheološkiot Muzej.</i> Skopje, Yugoslavia.
ZborMuzPrimenjene Umet	<i>Zbornik.</i> Muzej Primenjene Umetnosti, Belgrade, Yugoslavia.
ZborNarodMuzBeogradu	<i>Zbornik Narodnog Muzeja u Beogradu.</i> Belgrade, Yugoslavia.
ZborSlovNárodMuz	<i>Zborník Slovenského Národného Muzea.</i> Bratislava, Czechoslovakia.
ZCzest	<i>Ziemia Częstochowska.</i> Towarzystwo Popierania Kultury Regionalnej, Częstochowa, Poland.
ZDMG	<i>Zeitschrift der Deutschen Morgenländischen</i>

<i>ZeitAachenGeschichts</i>	<i>Gesellschaft</i> . Wiesbaden, W. Germany. <i>Zeitschrift des Aachener Geschichtsvereins</i> . Verlag des Aachener Geschichtsvereins, Aachen, W. Germany.
<i>Zephyrus</i>	<i>Zephyrus. Cronica del Seminario de Arqueología y de la Sección Arqueológica del Centro de Estudios Salmantinos</i> . Salamanca Universidad, Facultad de Filosofía y Letras, Salamanca, Spain.
<i>ZesMuzZKłodzkiej</i>	<i>Zeszyty Muzeum Ziemi Kłodzkiej</i> . Kłodzko Land Museum, Kłodzko, Poland.
<i>ZfN</i>	<i>Zeitschrift für Numismatik</i> . Berlin, W. Germany.
<i>ZGeschOberrhein</i>	<i>Zeitschrift für die Geschichte des Oberrheins</i> . Karlsruhe/Heidelberg, W. Germany.
<i>ZGeschSaar</i>	<i>Zeitschrift für die Geschichte der Saargegend</i> . Historisches Verein für die Saargegend, E. V., Saarbrücken, W. Germany.
<i>ZGeschvMülheim</i>	<i>Zeitschrift des Geschichtsvereins Mülheim an der Ruhr</i> . Mülheim, W. Germany.
<i>Ziridava</i>	<i>Ziridava</i> . Muzeul Județean, Arad, Romania.
<i>ZPE</i>	<i>Zeitschrift für Papyrologie und Epigraphik</i> . Bonn, W. Germany.
<i>ZSchlesHolstGesch</i>	<i>Zeitschrift</i> . Gesellschaft für Schleswig-Holsteinische Geschichte, Kiel, W. Germany.
<i>ZSchweizArchKunstgesch</i>	<i>Zeitschrift für Schweizerische Archäologie und Kunstgeschichte</i> . Schweizerisches Landesmuseum, Zürich, Switzerland.
<i>Zvaigznoda Debess</i>	<i>Zvaigznoda Debess</i> [The Stellar Sky]. Latvijas Padomju Socialistikas Republikas zinatu Akademija, Astrofizikas Laboratorija, Riga, U.S.S.R.
<i>ZVerHessische Gesch</i>	<i>Zeitschrift des Vereins für Hessische Geschichte und Landeskunde</i> . Kassel, W. Germany.
<i>ZVerLubGeschAltertums</i>	<i>Zeitschrift des Vereins für Lübeckische Geschichte und Altertumskunde</i> . Max Schmidt-Römhöld, Lübeck, W. Germany.

GENERAL

- 1 A.A.V.V. *Ripostigli monetali in Italia. Schede anagrafiche*. (Milan, Civiche Raccolte Numismatiche 1983-86).

Continuing the activity already undertaken in the past years, the author publishes another 27 essential inventories of more hoards found in Italy, both published and unpublished. The epochs and provenances are various: Greek (Rutigliano); Punic (Scano Montiferro, Tadasuni, Bultei, Olbia, Ozieri, Pozzomaggiore, Villanova Monteleone, Aritzo, Deui, Decimoputzu, San Sperate [2]); Roman Empire (Arluno, Besano, Brescia, Grumello); Byzantine (Porto Torres, Cervo di Dovera); Arab (Florida); Medieval (Salerno [2], Fontana Liri); Modern (Ronago, Salerno, Bolzano, Caruge).
(Sara Sorda)

- 2 BALAGUER, A.M. The use of documentary sources in monetary history. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 325-335.

The author analyzes one of the sources for monetary history, that of written documents. She discusses the numerous pages on coinage or merchandise; the circumstances of foreign coinage; the area of circulation of distinct coinage; and, the origin of the gold which circulated in Catalonia.
(Leandre Villaronga)

- 3 BULKIEWICZ, STANISŁAW. Muzeum Historii Miasta Łodzi—Gabinet Numizmatyczny [Museum of the History of Lodz—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 22 illus.

The annual numismatic acquisitions are reported.
(Andrzej Mikołajczyk)

- 4 CASAS, J. and SUÑE, J. MO. El Papaver Somniferum en la numismática. *GacNum* Vol. 85 (1987) pp. 55-60 illus.

- 5 COLAERT, MAURICE. La frappe de l'or et de l'argent en 1985. *Vie num* Vol. 37 (1987) pp. 64-66.

The reports of the Gold Institute and the Silver Institute in Washington, D.C., on gold and silver issues throughout the world are summarized. Cf. *NL* 117-16.
(Paul Naster)

- 6 CRUSAFONT, M. *La moneda, mirall de la Història, Mostra de moneda*

catalana. (Sabadell, Caixa d'Estalvis de Sabadell 1983) 24 pp. illus.

The author publishes the collection which Vincke acquired for the Caja de Ahorros of Sabadell. The author includes a discussion in which he affirms that coins are a mirror of history.
(Leandre Villaronga)

7 DANNENBERG, HANS-DIETER and KOPPATZ, JÜRGEN. J.C.W. Moehsen—Berliner Arzt, Historiker und Numismatiker (1722-1795). *NumBeitr* Vol. 19 No. 4 (1986) pp. 40-42.

The life and work of J.C.W. Moehsen, the author of *Berlinischen Medaillen-Sammlung* (Berlin/Leipzig 1773 and 1781), are discussed.
(Paul Arnold)

8 DEMO, ŽELJKO. Einige Beispiele für die Nachahmung antiker Münzen auf der Grundlage von Münzfunden im Slawonisch-Ayrmischen Raum. *Vjesnik Arheološkog muzeja u Zagrebu*, 3 series, Vol. 15 (Zagreb, 1982) pp. 211-242 illus.

9 DZIKOWSKI, JÓZEF. Muzeum Narodowe w Kielcach—Gabinet Numizmatyczny [The National Museum In Kielce—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 14.

The 1985 acquisitions of the coin cabinet are described. (Andrzej Mikołajczyk)

10 ERCOLANI COCCHI, EMANUELA. La monetazione antica nel delta del Po. Produzioni e scambi. *RIN* Vol. 88 (1986) pp. 235-238.

A review of the exhibition held at Ferrara from 12-27 September 1986 is given.
(Sara Sorda)

11 FILIPOW, KRZYSZTOF. Muzeum Okręgowe w Białymstoku—Gabinet Numizmatyczny [The District Museum in Białystok—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 13.

The items obtained in 1985 are presented. (Andrzej Mikołajczyk)

12 GACARZEWICZ, MAŁGORZATA. Muzeum w Nowej Soli—Dział Numizmatyczny [Museum In Nowa Sol—Numismatic Department]. *SprawNum* (1985, publ. 1987) p. 23.

The author describes recent numismatic acquisitions. (Andrzej Mikołajczyk)

13 GIEDROYC, RICHARD. A Beginner's Guide to Ancient Coins. *CW, World Coins Supplement* (March 1987) pp. 3-48 illus.

The author gives basic historical information on Greek, Roman and Byzantine coins. The different systems of weight standards, denominations, artistic development, etc. are discussed.
(Candace Carter)

14 GIZIŃSKA, MAŁGORZATA. Muzeum w Elblągu—Dział Historycz-

ny [Museum in Elbląg—Historical Department]. *SprawNum* (1985, publ. 1987) p. 15.

A report on the numismatic acquisitions for 1985 is presented.

(*Andrzej Mikołajczyk*)

15 HANC-MAIKOWA, EWA and MIKOŁAJCZYK, ANDRZEJ. Dwa retrospektywne spojrzenia na polskie muzealnictwo numizmatyczne [Two Retrospective Glances at Polish Numismatic Museology]. *SprawNum* (1985, publ. 1987) pp. 3-11 illus.

Some aspects of the origin and present state of numismatic collections and museum research in Poland are considered.

(*Andrzej Mikołajczyk*)

16 HESS, WOLFGANG and KLOSE, DIETRICH O.A. *Vom Taler zum Dollar. 1486-1986.* Exhibition catalogue of Staatliche Münzsammlung München (Munich, 1986) 252 pp. illus.

The exhibition was shown in commemoration of the 500th anniversary of the first minting of a crown-size, large silver coin, the guldiner of Erzherzog Sigismund of Tyrol in 1486. The catalogue begins with a chapter on the improvements in mining techniques in the 15th century as one of the basic presuppositions of minting larger silver coins. Most chapters deal with the guldiner (later, the thaler) and the various monetary systems in Germany, but there are also chapters on the crown-size silver coins of other European countries (Italy, Spain, The Netherlands, Great Britain, France, Russia) and from overseas (Spanish peso, Maria Theresa thaler, U.S. dollar). Further topics are commemorative thalers, minting tools, paper money, coin dictionaries for tradesmen, thaler-collecting, etc.

(*Dietrich O.A. Klose*)

17 HOROSZKO, GENOWEFA. Muzeum Narodowe w Szczecinie—Gabinet Numizmatyczny [The National Museum in Szczecin—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 27.

The author relates the 1985 numismatic acquisitions.

(*Andrzej Mikołajczyk*)

18 HU YIUWEN. A Collection of All Olympic Commemorative Coins Issued Abroad in 1984. *ColChinNumTheses* No. 2 (1985) pp. 67-70 illus. In Chinese.

19 JANUSZKIEWICZ, ZOFIA. Muzeum Warmii i Mazur w Olsztynie—Dział Historii, Pracownia Numizmatyczna [The Warmia and Mazury Museum in Olsztyn—Department of History, Numismatic Workshop]. *SprawNum* (1985, publ. 1987) p. 24.

The additions to the numismatic collection for the year 1985 are described.

(*Andrzej Mikołajczyk*)

20 JĘDRYSEK-MIGDALSKA, ELŻBIETA. Muzeum Mazowieckie w Płocku—Gabinet Numizmatyczny [The Mazovian Museum in Płock—

Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 24 illus.

The author reports on the numismatic acquisitions for 1985.

(Andrzej Mikołajczyk)

21 KE JU. Hong Zun and His "Money Record." *ColChinNumTheses* No. 4 (1985) pp. 69-70 illus. In Chinese.

22 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg*. Edited by Landesdenkmalamt Baden-Württemberg *et al.* (Stuttgart, Konrad Theiss Verlag 1987) pp. 322-328 illus. ISBN 3-8062-0500-0; ISSN 0724-8954.

The author publishes coin finds, identified by the Stuttgart cabinet in 1986. Included in the report are: (1) 2 Celtic 'Regenbogenschüsselchen'; (2) 148 Roman pieces, dating from the Neronian-Flavian period to that of Severus Alexander, including a parcel of 34 bronze coins, a bronze from provincial Serdica and some forgeries (mostly from excavations in Walheim); (3) 167 medieval coins; and, (4) modern coins, the bulk of which (122), mostly Swiss and south German, are small change from the Immenstaad church.

(Peter Ilisch)

23 KOLLNIG, KARL. *Liselotte von der Pfalz/Herzogin von Orléans. Eine fürstliche Münzsammlerin*. (Melsungen, Verlag Gutenberg 1987) 94 pp. illus.

The book starts with a short history of numismatic collections until the 17th century. The life and personality of the Palatine Princess Elisabeth Charlotte, called Liselotte von der Pfalz, the daughter of the Electoral Prince Karl Ludwig, 1652-1722, is described. In 1671 she married Duke Philip of Orleans, brother of Louis XIV, and spent the rest of her life in France. Although her letters are the best source for the events of her life and her thoughts, they have never before been utilized to describe her numismatic collection. The book brings 84 excerpts to this theme, in addition to numerous pictures of coins. The princess's numismatic activities are then summarized.

(Author)

24 KOWALSKA, ANNA. Muzeum Okręgowe w Radomiu—Dział Historii [The District Museum in Radom—Department of History]. *SprawNum* (1985, publ. 1987) p. 26.

The new numismatic items of 1985 are described.

(Andrzej Mikołajczyk)

25 KRZYŻANOWSKA, ALEKSANDRA. Muzeum Narodowe w Warszawie—Gabinet Monet i Medali [The National Museum in Warsaw—Coin and Medal Cabinet]. *SprawNum* (1985, publ. 1987) p. 28.

The 1985 acquisitions are reported by the keeper.

(Andrzej Mikołajczyk)

26 KULA, WITOLD. *Le misure e gli uomini dall'antichità ad oggi*. (Rome-Bari, Editori Laterza 1987) 400 pp.

An Italian translation of the original 1970 Polish edition is published.

(*Andrea Carignani*)

- 27 LE SOUEF, A.M. Catalogue of the Le Souef Collection. *JNAAus* Vol. 2 (1986) pp. 25-36.

The collection of Australian coins, medals and tokens was made by Le Souef, Deputy Master of the Melbourne Mint from 1919 to 1926. The collection is now held by the Museum of Victoria.

(*John Melville-Jones*)

- 28 LEWCZUK, GRAŻYNA. Muzeum Okręgowe w Białej Podlaskiej—Dział Historii [The District Museum in Biała Podlaska—Department of History]. *SprawNum* (1985, publ. 1987) p. 12.

The items which were received in 1985 are presented.

(*Andrzej Mikołajczyk*)

- 29 MICHALSKA-KACZOR, BOŻENA. Muzeum w Grudziądzu—Dział Historii [Museum in Grudziądz—Department of History]. *SprawNum* (1985, publ. 1987) p. 16.

Objects acquired in 1985 for the numismatic collection are described.

(*Andrzej Mikołajczyk*)

- 30 *Münzen in Brauch und Aberglauben. Schmuck und Dekor—Votiv und Amulett—Politische und religiöse Selbstdarstellungen.* (Mainz, Verlag Philipp von Zabern 1982) 257 pp. illus.

This volume, originally published for an exhibition in Nuremberg, comprises articles by P. Berghaus, K. Hauck, R. Kahsnitz, W. Kühn, K. Löcher, W. Oppelt, B. Overbeck, K. Pechstein, D. Rosenstock, P. Volz, H. Maué and L. Veit, which deal with the non-monetary functions of coinage, such as decorations, superstitions, votives, amulets and propaganda from the ancient to the modern world.

(*Peter Ilisch*)

- 31 MUSIAŁOWSKI, ADAM. Muzeum Okręgowe w Toruniu—Dział Numizmatyki [The District Museum in Torun—Department of Numismatics]. *SprawNum* (1985, publ. 1987) p. 28.

An account of the numismatic department's 1985 acquisitions is given.

(*Andrzej Mikołajczyk*)

- 32 NORTH, J.J. William of Namur—Another Continental Forger exposed. *NCirc* Vol. 95 No. 5 (June 1987) p. 149 illus.

- 33 OLEJNICZAK, JULIAN. Muzeum Narodowe w Poznaniu—Gabinet Numizmatyczny [The National Museum in Poznań—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 25.

The numismatic acquisitions of 1985 are surveyed.

(*Andrzej Mikołajczyk*)

34 OVERBECK, BERNHARD and KLOSE, DIETRICH O.A. *Antike im Münzbild. Eine Einführung*. (Munich, Staatliche Münzsammlung München 1987) 83 pp. illus.

The book is an introduction to ancient numismatics, especially for students and teachers of high schools and colleges, but also for universities. It is designed as a guide to accompany the exhibition of the same title. The text is divided into 3 parts, Greek, Celtic and Roman, covering about 1 millenium of numismatic history. The chapter on Greek coinage is written by Dietrich O.A. Klose; the 2 chapters on Celtic and Roman coins by Bernhard Overbeck. (Bernhard Overbeck)

35 PIETRÓN, BARBARA. Muzeum Okręgowe w Bydgoszczy—Dział Historii [The District Museum in Bydgoszcz—Department of History]. *SprawNum* (1985, publ. 1987) p. 14.

The numismatic accessions of 1985 are listed. (Andrzej Mikołajczyk)

36 PINIŃSKI, JERZY. Muzeum Archeologiczne i Etnograficzne w Łodzi—Dział Numizmatyczny [The Archaeological and Ethnographical Museum in Lodz—Numismatic Department]. *SprawNum* (1985, publ. 1987) pp. 20-21 illus.

An account of the 1985 numismatic acquisitions is presented. (Andrzej Mikołajczyk)

37 Robert Ralph Carmichael—Artist. Biography. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 301 illus.

38 SCHULZ, KARL. Bemerkungen zur Kuenringer-Ausstellung. *MÖNG* Vol. 22 No. 4 (1981) pp. 59-61 illus.

The author discusses the Kuenringer exposition with a special emphasis on the monetary history. Some corrections and additions are appended. A jeton commemorating the exposition is described. (Helmut Jungwirth)

39 SHARPLES, JOHN. The Numismatic Collection of the Museum of Victoria. *JNAAus* Vol. 2 (1986) pp. 37-52.

The history of the collection, which has been built up over more than a century, is given. Some of the more notable items are described and illustrated. (John Melville-Jones)

40 SNYDER, WILLIAM S. Collecting World Crowns. *CW, World Coins Supplement* (Oct. 1987) pp. 3-41 illus.

41 SZWAGRZYK, JÓZEF. Zakład Narodowy im. Ossolińskich—Biblioteka Polskiej Akademii Nauk we Wrocławiu, Dział Numizmatyczny [The Ossoliński National Institute—Library of the Polish Academy of Sciences, Numismatic Department]. *SprawNum* (1985, publ. 1987) p. 29.

The numismatic acquisitions are discussed.

(*Andrzej Mikołajczyk*)

42 Terrence N.E. Smith—Senior Engraver. Profile. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 302 illus.

43 VALLS FONT, J.M. Resellos políticos. *GacNum* Vol. 85 (1987) pp. 61-62.

44 VANNI PECCATORI, FRANCA MARIA. Catalogo della mostra, Piombino 1987. *Le monete di Piombino dagli Etruschi ad Elisa Baciocchi*. (Pisa, Pacini 1987) pp. 61-87 illus.

The author publishes a catalogue of the coinage displayed in the exhibit at Piombino. 133 coins, which cover the chronological period, are listed. (*Sara Sorda*)

45 WANG YICHENG. The Founding of Marx's Money Theory. *ColChin-NumTheses* No. 2 (1985) pp. 33-38. In Chinese.

46 WŁODARCZYK, ROMUALDA. Muzeum Zamkowe w Malborku—Gabinet Numizmatyczny [The Castle Museum in Malbork—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 23 illus.

The numismatic acquisitions for 1985 are presented.

(*Andrzej Mikołajczyk*)

47 WOJTULEWICZ, HENRYK. Muzeum Okręgowe w Lublinie—Gabinet Numizmatyczny [The District Museum in Lublin—Numismatic Cabinet]. *SprawNum* (1985, publ. 1987) p. 19.

The keeper presents new numismatic acquisitions.

(*Andrzej Mikołajczyk*)

48 ŻACZEK, ANDRZEJ. Muzeum Okręgowe w Koninie—Dział Historyczny [The District Museum in Konin—Historical Department]. *SprawNum* (1985, publ. 1987) p. 18 illus.

New numismatic acquisitions are reported.

(*Andrzej Mikołajczyk*)

49 ZILCH, REINHOLD. Numismatik heute—Aufgaben und Probleme. *NumBeitr* Vol. 20 No. 2 (1987) pp. 50-55.

The article is concerned with the problems associated with numismatic definitions.

(*Paul Arnold*)

TECHNOLOGY AND METHODOLOGY

50 BAKOS, MIKLÓS, GEGUS, ERNÖ, BORSZÉKI, JÁNOS and ORAVETZ, DEZSÖ. II. Rákóczi Ferenc rézpénzeinek arany-, ezüst- és ólomveretei [The Copper Coins of Ferenc Rákóczi II. in Gold, Silver and

Lead]. *NK* Vol. 84-85 (1985-1986) pp. 79-86. German summary.

The authors examined the copper coins of Ferenc Rákóczi II. with the method lesser-microspectrochemical analysis. (István Gedai)

51 BUCKLEY, J.A. An Analysis of Thirty-one Coins from the Hellenistic Period. *Archaeometry* Vol. 27 No. 1 (1985) pp. 102-107.

The non-destructive PIXE technique was used in the analysis of a small selection of silver coins, which span the hellenistic period. (Jon Hosking)

52 CANTO GARCIA, A. and MARSAL MOYANO, E. On the metrology of the silver coinage of the Spanish emirate. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 167-180.

The authors discuss the evolution of metrology, beginning with the work of Miles. (Leandre Villaronga)

53 DAI ZHIQIANG and WANG TIHONG. A Trial Analysis of the Metal Content of the Cash of Northern Song Dynasty. *ColChinNumTheses* No. 3 (1985) pp. 7-16 illus. In Chinese.

54 GOMES MARQUES, M. and CARTER, G.F. On the metrology and chemical compositions of Portuguese dinheiros. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, and Instituto de Sintra, Portugal, 1986) pp. 239-263.

After a review of the metrology and a presentation of the chemical analysis of 72 coins, the authors demonstrate the constancy of the alloy. (Leandre Villaronga)

55 GONCALVES, N., PEIXOTO CABRAL, J.M. and GOMES MARQUES, M. A preliminary note on the metrology of the Medio Real Cruzado. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 265-276.

The authors study metrologically 72 examples and determine the content of silver on the surface of these coins. The medio real agreed with the legal specifications. (Leandre Villaronga)

56 LESCHHORN, WOLFGANG. Die kaiserzeitlichen Münzen Kleinasiens: Zu den Möglichkeiten und Schwierigkeiten ihrer statistischen Erfassung. *RN* Vol. 27 (1985) pp. 200-216.

A critical verification of Ann Johnston, "Greek Imperial Statistics: a commentary," *RN* Vol. 26 (1984) pp. 240 ff., with the use of concrete numbers, is published. The possibility is discussed by ascertaining the coin production of a specific reign,

from the number of the mints of Asia Minor and from the amount of coinage preserved of the ruling emperor. (Author)

57 MIZUKAMI, MASAKATSU. The Metal Content of the Ancient Coin Excavated at Zhi Hai Tai. Trans. A Xiang. *ColChinNumTheses* No. 3 (1985) pp. 17-27 illus. In Chinese.

58 OROL PERNAS, A. Notes for future studies on the chronology of the Castilian-Leonese coinage. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 63-69 illus.

The author discusses the difficulty of the chronology of many Castilian coins. He describes the typological and the epigraphic developments as ways to trace the chronology. (Leandre Villaronga)

59 OROL PERNAS, A. Notes for future studies on the metrology of the Castilian-Leonese coinage. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 207-210 illus.

The author discusses the difficulties of the study of some coins due to the variability of the alloys used. Some practical examples are presented. (Leandre Villaronga)

60 PELLICER I BRU, J. Nuevas precisiones metrológicas a tres documentos de los siglos XI y XII. *GacNum* Vol. 85 (1987) pp. 23-29.

61 POPOVIĆ, PAVLE. Klasifikacija numizmatičkih nalaza i primena mehanografskih klasifikatora u numizmatici [The Classification of Numismatic Findings and the Use of "Mechanographic" Classifiers in Numismatics]. *Numizmatičar* Vol. 9 (1986) pp. 7-29 illus. English summary.

The author points out the possibility of using "cards with perforated edges," which are fairly widespread in various fields in a filing system containing a large number of catalogue cards (several thousand or more). Cards with a double row of perforations were selected as the most suitable for use in numismatics. (D. Gaj-Popović)

62 QIAN YU. Notes on Dan Tong (CuSO₄). *ColChinNumTheses* No. 4 (1985) pp. 57-58. In Chinese.

63 VILLARONGA, L. De nuevo la estimación del número original de cuños de una emisión monetaria. *GacNum* Vol. 85 (1987) pp. 31-36.

A commentary and an application of the method proposed by W.W. Esty in *NC* 1986, pp. 185-215, is published. (Author)

For additional references to technology and methodology, see the following abstracts:

Far East, Nos. 484, 498, 502, 527, 542.

Western and Central Europe, Nos. 577, 590.

GREEK

64 ALESSANDRÌ, SALVATORE. Gli stateri falsi ΠΑΡΑ ΛΑΚΩΝΟΣ. *AnnaliSNSPisa* Series 3, Vol. 12 (1982, publ. 1983) pp. 1239-1254.

The author continues the debate concerning the interpretation of the fragment n. 6 in the inventory of the agora of the 4th century (Cf. A.M. Woodward, *Treasure Records from the Athenian Agora*, *Hesperia* Vol. 25 (1956), pp. 88-90, n. 6). He proposes that the staters are similar to those Lakon offered to the divinity during the course of the law suit as well as afterwards. The coins were stored in a small box.

(Ada Gabucci)

65 BALDUS, HANS ROLAND. Die Gesandtschaft des Poplas. Zu einem ungewöhnlichen Münztyp Milets unter Commodus. *Chiron* Vol. 15 (1985) pp. 187-197 illus.

A Milesian coin of Commodus with the representation of a ship of the official Poplas is interpreted as a reference to a voyage and embassy of the Milesian High Priest Poplas to Rome.

(Wolfgang Leschhorn)

66 BALDUS, HANS ROLAND. Zur en face-Athena des Kleudoros von Velia. Der Lukanersieg Alexanders des Molossers bei Paestum und die velische Münzprägung. *Chiron* Vol. 15 (1985) pp. 211-233 illus.

The representations of a victorious lion and Athena with victory symbols on the nomoi of Velia were used in connection with the victory of Alexander the Molossian over the Samnites and Lucanians at Poseidonia ca. 331 BC. The activity of the die-engraver Kleudorus with his chief work of a facing Athena and, accordingly, the coinage of Velia, period VI, is ca. 332. Velia, period VII, begins ca. 330.

(Wolfgang Leschhorn)

67 BALT, JEAN CH. L'EVTEKNIA de Létô. *Studien zur Mythologie und Vasenmalerei. K. Schauenburg zum 65. Geburtstag am 16.4.1986* (Mainz, Zabern 1986) p. 231 illus.

A bronze coin of Marcus Aurelius from Ancyra, which portrays a woman with 2 children and the legend EVTEKNIAN, is the Greek representation of the Roman Imperial Fecunditas coinage, which was struck in AD 161 on the occasion of the birthday of the twins of Marcus Aurelius and Faustina II.

(Wolfgang Leschhorn)

68 BARAG, D. The Table for Shewbread and the Facade of the Temple

on the Bar Kokhba Coins. *Qadmonioth* Vol. 20 Nos. 1-2 (1987) pp. 22-25 illus. In Hebrew.

The author submits that the object between the pillars of the building appearing on the obverse of Bar Kokhba's silver coinage is the Shew-bread table and not as hitherto assumed the Arch of the Covenant. (Arnold Spaer)

69 BELLINGER, DIETER. Währungsordnung im griechischen Altertum: Das Münzgesetz Athens. *Die Bank* Vol. 12 (1986) pp. 644-650.

The coinage act of 375/4 is translated, interpreted and placed in its historical setting. (Wolfgang Leschhorn)

70 BICKNELL, PETER. The Incuse of Telys of Sybaris. *JNAAus* Vol. 2 (1986) pp. 59-61.

Incuse staters of Sybaris with **NIKA**, laurel branch or laurel wreath were struck by Telys who seized power a few years before 510 BC. (John Melville-Jones)

71 BURELLI BERGESE, LAURA. Sparta, il denaro e i depositi in Arcadia. *AnnaliSNSPisa* Series 3, Vol. 16 No. 3 (1986) pp. 603-619.

The Lycurgan prohibition of Spartans possessing gold and silver placed Sparta in a difficult and isolated position. On the basis of epigraphic texts and literary sources, the author discusses several aspects and consequences of this situation—both in light of private considerations (wills, donations) and international relations (alliance coinage and the financial problem of war and payment of mercenaries).

(Andrea Carignani)

72 BURNETT, ANDREW. Naples and South Italy: Coinage and Prosperity, ca. 300 B.C. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici, Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 23-43.

The analysis of the life of the mints of Neapolis, Velia, Metapontum and Tarentum lead the author to the following conclusions: 1) one may examine as a whole the monetary system of Magna Graecia; 2) at the end of the 4th century a contemporaneous and significant increase in coinage occurred and, as a consequence, by other different archaeological approaches, one may speak of a revival in prosperity for this period. A discussion by these participants at the congress is included: Garraffo, Holloway, Pontrandolfo, Johannowsky, Hackens, Boehringer and Burnett.

(Andrea Carignani)

73 CALLATAÏ, FRANÇOIS DE. Certains alexandres de Mesembria et le problème des imitations. *CahN* Vol. 24 No. 91 (1987) pp. 238-242 illus.

A close examination of certain late posthumous Alexanders of Mesembria reveals that the same obverse die is linked with a reverse die of good style and legend and with reverses both barbarous and incorrect. A reconsideration of the pertinence of traditional criteria to distinguish between official coins and imitations is required.

(Author)

- 74 CALLATAÿ, FRANÇOIS DE and DOYEN, JEAN-MARC. Un lot de petites fractions en argent de Selge en Pisidie. *SNR* Vol. 66 (1987) pp. 63-77 illus.

A part of a hoard in commerce is described. It contains 49 silver fractions, mostly of Selge in Pisidia. This rarely published material is dated from the end of the 5th to the beginning of the 2nd century BC. The study also presents the coins of these emissions from the Cabinet des Médailles in Brussels. (Authors)

- 75 CALLATAÿ, FRANÇOIS DE. Une surfrappe inédite de Maronée sur Ténédos. *CahN* Vol. 23 No. 90 (1986) p. 220 illus.

An overstrike of a late hellenistic tetradrachm from Maroneia on a tetradrachm from Tenedos is published. Other overstrikes of the same region and period (ca. 150-100 BC) are mentioned. (Author)

- 76 CANTILENA, RENATA, GIOVE, TERESA, and RUBINO, PAOLA. Didrammi e frazioni d'argento. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro internazionale di Studi Numismatici, Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 101-218 illus.

On the basis of a detailed analysis of the sequence of the dies, the authors propose a concise scheme for the silver coinage of Neapolis from the second half of the 4th to the middle of the 2nd century BC. From this chronological outline emerges the fact that the striking of silver coinage in low denominations (obols, triobols, drachms) developed in a subsidiary way to the issues of didrachms and bronze.

(Andrea Carignani)

- 77 CARBÈ, ANNA. Note sulla monetazione di Selinunte. *RIN* Vol. 88 (1986) pp. 3-20 illus.

The author considers the origin of the emissions of Selinus and the relationship with those of Camirus (Rhodes). In addition she examines several aspects of the weight system and the religious significance of the *selinon*, the fundamental iconographic element of the coinage of the city.

(Andrea Carignani)

- 78 CLAIN-STEFANELLI, ELVIRA ELIZA. On some fractional silver coinage of Sicily and Magna Graecia during the fifth century B.C. *RBN* Vol. 133 (1987) pp. 39-66 illus.

A special study is devoted to the fractional coins, which are for the most part neglected: hemilitron, diobol, obol, tetartemorion, hemitetartemorion, pentonkion, hexas, tetras, trias, onkia. The 5th century coinages from Syracuse, Gela, Zancle, Messina and Rhegium are discussed.

(Paul Naster)

- 79 COE, JOHN I. Disease as portrayed on ancient coins. *SAN* Vol. 17 No. 2 (June 1987) pp. 36-38 illus.

When moneyers of the hellenistic and Roman Imperial periods began portraying historical people on their coins, these accurate portraits revealed prominent normal features as well as hormonal abnormalities and actual disease.

(Vic Kozik)

80 CUSUMANO, NICOLA. Omonoia in un'emissione bronzea di Panormus. *Sicilia Arch* Vol. 19 No. 62 (1986) pp. 49-53.

The author proposes to identify in a series of bronze coins, which have a head of Demeter with the legend **OMONOIA** on the obverse and a cornucopiae with legend **PANOPMI** on the reverse, an emission of the mint of Panormus of the Augustan age in celebration of the colony. (Andrea Carignani)

81 CUTRONI TUSA, ALDINA. Recenti studi e ricerche sulla monetazione della Sicilia antica. *Atti del VI Congresso internazionale di studi sulla Sicilia antica. Kokalos* Vol. 30-31 (1984-1985) (Rome, G. Bretschneider 1987) pp. 277-297.

An ample, critical review of the most significant contributions of the final years of the monetary history of ancient Sicily is given. (Andrea Carignani)

82 DEDEOĞLU, HASAN and MALAY, HASAN. A Dekaprotos at Philadelphia in Lydia. *Epigraphica Anatolica* Vol. 8 (1968) pp. 101-102 illus.

The authors publish a bronze seal of the dekaprotos Kl. Basileides from Philadelphia. The seal portrays the busts of Septimius Severus, Geta and Caracalla. (Wolfgang Leschhorn)

83 DONALD, P.J. Neapolis under Heraclius—a further find. *NCirc* Vol. 95 No. 5 (June 1987) p. 151 illus.

84 FISCHER, THOMAS. Literaturüberblicke der griechischen Numismatik. Seleukiden. *Chiron* Vol. 15 (1985) pp. 283-389.

595 titles concerning Seleucid coinage, which appeared between 1878 and 1984, are listed in the chronological order of their publication. The contents are rendered in either short abstracts or through indices. The coinages of the usurpers Molon, Achaius, Timarchus, Tryphon and the coins of the Roman Tetrarchs with the name Philip are included. The literature concerning Philetairos, Tigranes the Great, the Bactrian monarchs as well as the posthumous Alexanders and the regular civic coinage under Antiochus IV and Alexander I is not included. (Wolfgang Leschhorn)

85 FONTANA, CARLO. Note su alcune monete inedite o rare della serie urbana greca coniate durante l'Impero romano. *RIN* Vol. 88 (1986) pp. 221-228 illus.

The author publishes 5 coins, dating from Marcus Aurelius to Caracalla, struck in several Greek cities in Asia Minor. (Andrea Carignani)

86 FRANKE, PETER ROBERT. ΗΛΙΑΚΑ—ΟΛΥΜΠΙΑΚΑ. *MDAI(A)* Vol. 99 (1984) pp. 319-333 illus.

An interpretation of coins of Elis from the year AD 201 with Tyche and a Hadrianic coin of Elis from the year AD 137 with the Pheidian Zeus is given. A coin of Volu-

sian from Blaundos/Lydia was overstruck on an Elian coin of Septimius Severus.
(Wolfgang Leschhorn)

87 GEISSEN, ANGELO. Zu Beamtennamen auf Münzen von Hypaipa. *Epigraphica Anatolica* Vol. 7 (1986) pp. 113-123 illus.

The author publishes observations and identifications of names of officials on Imperial coinage of Hypaipa/Lydia, which derive from coinage of an Asia Minor hoard, dating to the time of Antoninus Pius-Elagabalus.
(Wolfgang Leschhorn)

88 GORINI, GIOVANNI. Dall'economia premonetale all'economia monetale nel mondo paleoveneto. *Aquileia Nostra* Vol. 57 (1986) pp. 186-195.

The author publishes a brief synthesis of the history of the means of exchange in paleo-Venetian society of the 6th to the 1st century BC. The society passes through a first phase of a premonetary economy, in which the accumulation of objects of value (shells, bones, etc.) reflect the desire to strengthen prestige and personal wealth. The first finds of *aes rude* and *aes signatum* are included. In the full monetary economy (ca. the end of the 3rd century) of the so-called Veneto, the author discusses the drachmas as imitations of Massaliote types, which precede the uncontested strength of Roman coinage.
(Andrea Carignani)

89 HACKENS, TONY. Essai de métrologie comparée des monnayages de Naples et de monnayages parallèles. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici. Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 429-441.

Metrological comparisons are made between the coinages of Neapolis and other Campanian coinages, in particular, Cumae, Hyria and Nola in the 3rd century BC. A die study is included.
(Paul Naster)

90 HALL, ALAN S. Der Berg Pion auf ephesischen Münzen. *ZPE* Vol. 67 (1987) pp. 149-150.

The interpretation of the Imperial coinage from Ephesus with the representation of the recumbent mountain god Pion is given as well as epigraphic and literary evidence.
(Wolfgang Leschhorn)

91 HARL, KENNETH. *Civic Coins and Civic Politics in the Roman East AD 180-275*. (Berkeley, University of California Press 1987) 253 pp. illus.

On the basis of thousands of bronze coins minted by the Greek cities in this period of the Roman Empire, the author demonstrates the way in which traditional themes about city gods, public festivals and temples were affirmed.
(Candace Carter)

92 HARTEL, M. Kh. Zemel. *Hadashot Arch* No. 89 (1987) p. 4. In Hebrew.

Finds at this site on the eastern border of the Golan included issues of Antiochus III and Antiochus IV as well as 2 Tyrian tetradrachms of Alexander I and Demetrius

II, dated 146/5 BC.

(Arnold Spaer)

93 HAYMES, CHRIS. The Wappenmünzen. *JNAAus* Vol. 3 (1987) pp. 35-48.

A survey of views which have been held about these early coins of Athens is given.

(John Melville-Jones)

94 HERRLI, HANS. Die "autonomen" Bronzemünzen von Eusebeia und Kaisareia in Kappadokien. *NNb* Vol. 34 No. 3 (1985) pp. 60-71 illus.

The first coinage of Eusebeia(-Mazaca) was struck when Mithridates VI of Pontus wanted to incorporate Cappadocia into his empire and when his son Ariarathes IX governed Cappadocia. The last coinage of Eusebeia belonged to the time of Archelaus. In time the bronze coinage of the new capital of Caesarea was added, which was struck under King Archelaus. A catalogue of the types in their chronological sequence is published.

(Wolfgang Leschhorn)

95 HOLLOWAY, R. ROSS. Tipologia ed arte. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici, Napoli 20-24 aprile 1980. (Napoli, Arte Tipografica 1986) pp. 407-412 illus.

Iconographic selections and stylistic influences in the coinage of Neapolis from the middle of the 5th century BC to the Samnite and Pyrrhic wars are discussed.

(Andrea Carignani)

96 HOUGHTON, ARTHUR. The Double Portrait Coins of Antiochus XI and Philip I: A Seleucid Mint at Beroea? *SNR* Vol. 66 (1987) pp. 79-85.

Soon after the death of Seleucus VI in 94 BC, Seleucus' younger brothers, Antiochus and Philip, struck rare tetradrachms with the portrait of both kings and the reverse type of Zeus Nikephoros. The author classifies the 7 known coins of the series into 2 groups, one of which he suggests may have been issued at Beroea (Aleppo), the other at an unknown Cilician mint. He concludes that the portraits are not likenesses, but idealizing representations of the two brothers, twinned in the same manner as the images of the Dioscuri on the contemporaneous tetradrachms of Tripolis, which likely served as their model.

(Author)

97 Illustrations of Ancient Coins of Cyprus. *Cyprus Today* Vol. 25 No. 2 (April-June 1987) (Ministry of Education, Nicosia) pp. 2-3 illus.

98 KAGAN, JONATHAN H. Hellenistic Coinage at Skepsis after its Re-foundation in the Third Century BC. *ANSMN* Vol. 29 (1984) pp. 11-24 illus.

A previously unpublished hemidrachm of Skepsis (Pegasus, rhyton in bead-and-reel border) is introduced. The 2 hemidrachms and 3 quarter drachms (trihemiobols) of this type are dated between 197-188 BC. This issue is associated with Antiochus III's activities in the Troad.

(Sallie Fried)

- 99** KARYSHKOVSKII, P.O. and KLEIMAN, I.B. *Drevnii Gorod Tira*. (Kiev, Naukova Dumka Press 1985) 158 pp. illus.

The authors make use of numismatic data as well as data from other disciplines in presenting a history of ancient Tyra, located at the mouth of the Dniester River.

(H. Bartlett Wells)

- 100** KIENAST, DIETMAR. Der heilige Senat. Senatskult und "kaiserlicher" Senat. *Chiron* Vol. 15 (1985) pp. 253-282 illus.

The Greek Imperial coinage which depicts the type of the Senate is discussed. The local cult of the Senate existed in many cities and several colonies of the East from the time of Augustus and also as a provincial cult from the time of Tiberius. The cult of the Senate, which is depicted on the coinage until the second half of the 3rd century, was combined with the cult of another deity or the emperor.

(Wolfgang Leschhorn)

- 101** KINDLER, A. The Coins of Antipatris. *Eretz Israel* Vol. 19 (Avi Yonah Vol.) (Jerusalem 1987) pp. 125-131 illus.

This mint, ca. 10 miles east of Tel-Aviv, issued coins only under Elagabalus. 8 types are described and explained. The author remarks on their similarity to the coins of Neapolis Samariae.

(Arnold Spaer)

- 102** KISVÖLCSEY, FRIGYES. Zeus mondák a görög pénzekén [The Zeus Myth on Greek Coins]. *AzÉrem* No. 1 (1987) pp. 4-6.

The author publishes the titles and representations of Zeus on the coins.

(István Gedai)

- 103** KLOSE, DIETRICH O.A. Das Siegel der Mysterien des Dionysos Breiseus. *JNG* Vol. 33 (1983) pp. 41-43.

The bronze seal of the mysteries of Dionysus Breiseus from Smyrna, ca. AD 250, showing 3 Imperial heads and Serapis seated, by its workmanship can be ascribed to the die cutter who produced the dies for the "Smyrna" mint at that time. The figures are Philip the Arab and his family.

(Author)

- 104** KLOSE, DIETRICH O.A. Ein Schatzfund hellenistischer Bronzemünzen aus Abydos. *Archäologischer Anzeiger* (1985) pp. 67-76.

Two portions of a hoard of bronze coins from Abydos in the Troad are presented. There are many overstruck and countermarked coins. It is attempted to find a relative and an absolute chronology of these issues and their possible historical background.

(Author)

- 105** KLOSE, DIETRICH O.A. HOMER—OMHPOΣ. *SM* Vol. 34 (1984) pp. 1-3.

Early "alliance" coins of Smyrna from the time of Nero with OMHPOΣ instead of OMONOIA are discussed.

(Author)

106 KLOSE, DIETRICH O.A. Nikopolis und Doliche. Neue Tonsiegel aus dem archeion des syrischen Nikopolis. *JNG* Vol. 34 (1984) pp. 63-76.

A lot of 61 clay seal impressions from northern Syria, which once had been attached to documents, is presented. They might come from the archeion, the city archive, of Nikopolis in Syria. The name and the Tyche of this city appear on 20 of the seals. A list of similar finds is also given. (Author)

107 KLOSE, DIETRICH O.A. OUESPASIANOS NEOTEROS. *Chiron* Vol. 14 (1984) pp. 193-195.

By means of a die link to coins for Domitia, the coins for a young Ouespasianos Neoteris from Smyrna, now definitely can be dated to the reign of Domitian. The prince shown must be one of the sons of Flavius Clemens, adopted by Domitian in AD 95. (Author)

108 KOKKINOS, N. A retouched new date on a coin of Valerius Gratus. *LibAnn* Vol. 36 (1986) pp. 241-246 illus.

The writer claims that the Prutah *BMC* No. 27 shows that the date Δ was recut to read Z, thus giving a new date, i.e., AD 20/21, for the procurator Valerius Gratus. (Arnold Spaer)

109 KURZ, KAREL. Úvod do antické numismatiky. 1. Řecké mince [An Introduction to Ancient Numismatics. 1. Greek Coins]. (Prague, Czech Numismatic Society 1982) 137 pp. illus. German summary.

The present publication is a handbook which summarizes the basic information on ancient minting, yet simultaneously offers a new Marxist evaluation of the achieved state of recognition. The author delineates the object of classical numismatics, in particular its significance for the earliest history of Czechoslovak territory as well as the development of this scientific branch in Czechoslovakia. The author further treats the minting technique and the origin of forgeries. The general chapters are followed by a treatise on the typological character, the monetary substance and history of Greek coinage. Attention is also paid to the coin portrait and its historical development. (Z. Nemeškalová-Jiroudková)

110 LAZZARINI, LORENZO. Note sulle monete bronzee di Kebren nella Troade. *RIN* Vol. 88 (1986) pp. 27-35 illus.

The author reviews the principal bronze emissions of Cebren, the third center of the Troad, from the economic slump of the city (430-420 BC) preceding the Persian occupation to the monetary system of New Cebren (Antiochia of the Troad), founded in honor of Antiochus I. (Andrea Carignani)

111 LESCHHORN, WOLFGANG. Mysomakedones. *JNG* Vol. 34 (1984, publ. 1985) pp. 55-62 illus.

The second known coin of the Macedonians in Mysia and 1 from Lydia with *Demos*, which was struck only at the time of the Augustus/Tiberius coinage, are

published. All well-known references to the Macedonians in Mysia are treated.

(Author)

112 LESCHHORN, WOLFGANG. Zur rhodischen Münzprägung im 2. Jh. v.Chr.—Ein Schatzfund rhodischer Hemidrachmen aus Syrien. *JNG* Vol. 35 (1985) pp. 7-20 illus.

A hoard of 64 hemidrachms of Rhodes, found in northern Syria, gives evidence to some hitherto unpublished magistrates' names and mintmarks. It therefore is a general study of the plinthophoric coinage, introduced in Rhodes between 188 and 173 BC. Magistrates' names and mintmarks are the main subject of investigation. Die linkages and the arrangement of the mintmarks establish different groups of this coinage for the entire production of these plinthophoric hemidrachmae. The hoard published here is the first one from the Near East, which gives evidence for economic relations between Rhodes and the Seleucid empire. (Author; Trans. B. Overbeck)

113 LEYPOLD, FRANZ. Bestimmungshilfe für schlechterhaltene Bronzemünzen der griechisch-römischen Stadtprägungen mit dem Reversbild der sitzenden Tyche. *MÖNG* Vol. 22 No. 10 (1982) pp. 137-143 illus.

The author's classification of 126 different representations of Tyche coins found at 53 cities facilitates the attribution of poorly-preserved bronze coins.

(Günther Dembski)

114 MANGANARO, GIACOMO. Dai *mikrà kermata* di argento al *chalkokratos kassiteros* in Sicilia nel V. sec. a.C. *JNG* Vol. 34 (1984, publ. 1985) pp. 11-39 illus.

An examination of Sicilian coinage of the 5th century BC with a particular emphasis on values and their marks is published.

(Wolfgang Leschhorn)

115 MARCHETTI, PATRICK. En guise d'épigraphie monétaire. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici. Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 443-463 illus.

The author examines several individual epigraphic aspects of the coinage of Neapolis. After commenting on the usage of lambda and sigma of the Chalcidian alphabet in the order, the author discusses the numerous ethnographic and phonetic variations, the problem of the strength of the incision and finally the common diffusion of the symbols which the mint of Neapolis shared with the workshops of Suessa, Cales, Rome and Tarentum. Discussions by the following participants are included: Rutter, Lepore, Burnett, Cantilena and Caccamo.

(Andrea Carignani)

116 MESHORER, Y. On Three Interesting Cults at Neapolis in Samaria. *Eretz Israel* Vol. 19 (Avi Yonah Vol.) (Jerusalem 1987) pp. 92-96 illus.

The author interprets 3 hitherto enigmatic reverse types of Greek Imperials issued at Neapolis Samariae in the middle of the 3rd century AD by reference to Samaritan religious traditions and rites since the majority of the city's population at that period consisted of Hellenized Samaritans.

(Arnold Spaer)

117 MICHAUX-VAN DER MERSCH, FRANÇOIS and DELAMARE, FRANÇOIS. Evolution de la technique de frappe des statères éginétiques. Etude numismatique et simulation de la frappe sur pâte à modeler. *RBN* Vol. 133 (1987) pp. 5-37 illus.

Using square punches and circular dies especially cut in wood on an enlarged scale of 48 x 48 mm for the square and, instead of metal for the blank, a preparation of clay with a greasy product, shaped differently as ovoid, lenticular, spheric or cylindrical, many strikes were completed to study the movement of the metal, the use of the punch or that of the die, the temperature of striking, the energy engaged. Some of the conclusions are: (1) the silver was probably struck cold and (2) the change from punch to die took place ca. 500 BC. (Paul Naster)

118 MILDENBERG, L. Ba'ana - Preliminary Studies of the Local Coinage in the Fifth Persian Satrapy: Part 2. *Eretz Israel* Vol. 19 (Avi Yonah Vol.) (Jerusalem 1987) pp. 28-35 illus.

The author proposes to attribute the group of coins with obv. fighting Melqart and cow inscribed Ba'ana (e.g., Babelon, *Traité* 804-5) to a King of Sidon in the late 5th century BC. This name also appeared on a votive statue from Sidon published by Dunand in 1986. In the author's view, this was a special issue and not part of the general Sidonian series. (Arnold Spaer)

119 MITREA, BUCUR. Drahmele cetăților Dyrrhachium și Apollonia la geto-daci. Aspectul cronologic. [The Drachms of Dyrrhachium and Apollonia Among the Geto-Dacians. Chronological Aspects.]. *Thraco-Dacica* Vol. 4 (1983) pp. 23-31. French summary.

The drachms of Dyrrhachium and Apollonia were spread broadly over the Thracian, Dacian and Illyrian regions. On the basis of the magistrates' names on the coins, the drachms discovered in Dacia are dated after 168 BC, as the hoard of Bakërr (Albania) clearly shows, and before 118 BC, as the hoard from Doboz (Hungary) indicates. The latter hoard is dated by a Roman Republican denarius. (Author)

120 MOLINARI, MARIA CRISTINA. Considerazioni sulle emissioni frazionarie di Imera in età arcaica. *RIN* Vol. 88 (1986) pp. 21-26 illus.

The problem of the definition of the issues of fractions of Himera in the second half of the 6th century BC is considered. Contrary to Kraay, who stated that the typological base was divided into such coinage as the obol and litra, the author, on the basis of the adoption of a statistical model, refutes the idea that, between the 2 iconographic groups, substantial weight differences existed. The author proposes to recognize them as obols, either pure or underweight. (Andrea Carignani)

121 MÜSELER, WILHELM. Eine Tetradrachme vom Typ Alexanders III. vom Königreich Hagar. *NNb* Vol. 36 No. 2 (1987) pp. 38-39 illus.

The author publishes a tetradrachm of a new type from the north Arabian kingdom Hagar, which has a barbarized head of Herakles on the obverse and an enthroned god Sams (?) on the reverse, struck in the name of King Abi'el. A survey of the 5

known coin series of Hagar is given.

(Wolfgang Leschhorn)

122 MÜSELER, WILHELM. Eine unedierte Tetradrachme von Antiochus VIII. *NNb* Vol. 35 No. 8 (1986) p. 182 illus.

A new tetradrachm of Antiochus VIII Grypus, which was struck in 100 BC in Damascus, shows that, contrary to Flavius Josephus, Damascus at that time did not belong to the sphere of Antiochus IX Cyzicenus.

(Wolfgang Leschhorn)

123 NASTER, PAUL. Monnaies impériales de Pamphylie et de Pisidie sous Claude II le Gothique et Aurélien. *Mélanges de numismatiques offerts à Pierre Bastien*. (Wetteren, Numismatique romaine 1987) pp. 131-143 illus.

A dozen Imperial coins are discussed: 6 of Sagalassos, 2 of Perga and 4 of Cremna.

(Author)

124 OECONOMIDES, MANDO and NICOLET, HÉLÈNE. Note sur la Trouvaille d'Eleusis 1883 (*IGCH* 5). *ArchAnAth* Vol. 14 (1981) pp. 92-94 illus.

The authors discuss this hoard from Eleusis on the basis of a study of the bibliography of this hoard and the notes stored in the Numismatic Collection of Athens, provided by U. Koehler.

(Mando Oeconomides)

125 POENARU BORDEA, GH. Circulation des monnaies d'Apollonia et de Dyrrachion en Dacie pré-romaine et dans la région du Bas-Danube. *L'Adriatico tra Mediterraneo e penisola balcanica (Lecce-Matera 1973)*. (Taranto, Istituto per la storia e l'archeologia della Magna Grecia 1983) pp. 221-237.

The author briefly summarizes the earlier studies and the problems concerning diffusion and chronology and proposes topics to be developed in future studies, such as a better definition of the dating of the last series of the coins of Apollonia and Dyrrhachium and an analysis of the ways in which the coins were transmitted toward Dacia and the lower Danube.

(Ada Gabucci)

126 POZZI, ENRICA. La monetazione di Neapolis nel IV e nel III secolo a.C. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici, Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 91-100.

In a short introduction regarding the specific relationships of Cantilena, Giove, Rubino and Taliercio, the author presents the most significant results of a study.

(Andrea Carignani)

127 PRIEUR, MICHEL and AMANDRY, MICHEL. Nouvel apport à l'étude des tétradrachmes sévériens de Laodicée. *RBN* Vol. 133 (1987) pp. 67-85 illus.

This paper complements R.G. McAlee, The Severan tetradrachms of Laodicea *MN* Vol. 29 (1984), pp. 49-59; see *NL* 114-89. More samples have been examined

(59 and 5 in the addendum, instead of 40). The former classification remains. Dies, types, legends, weights are discussed; a catalogue is added. (Paul Naster)

128 RAPPAPORT, U. The Coins of Judaea at the end of the Persian Rule and the Beginning of the Hellenistic Period. *Jerusalem in the Second Temple Period; Abraham Schalit Memorial Volume*. A. Oppenheimer, U. Rappaport and M. Stern, Editors. (Jerusalem, Yad Ben Zvi 1980) pp. 8-21. In Hebrew with English abstracts.

The author discusses the small silver issues of the Yehud and Hezekio types with an attempt at fixing their sequence during the late Persian, Alexandrine and early Ptolemaic periods. (Arnold Spaer)

129 RONEN, Y. The First Hasmonean Coins. *Biblical Archaeologist*, ASOR Vol. 50 No. 2 (June 1987) pp. 105-107 illus.

The author attributes the first Hasmonean coins to Judah Aristobulos I (104-103 BC), contrary to the views of Hill and others who propose John Hyrcanus I (135-104 BC) as the first Hasmonean to issue coins and those of Meshorer, in whose view Hasmonean coinage began under Alexander Jannaeus (103-76 BC). (Arnold Spaer)

130 RUTTER, KEITH. La monetazione di Neapolis fino al 380 a.C. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici. Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 67-84 illus.

The typological, stylistic and chronological aspects of the coinage of Neapolis until 380 BC are studied. In particular, the author concludes that, after the fall of Cumae in 420 until 380, the mint of Neapolis was uniquely active in Campania. The author examines activity at the mint during this period. A discussion by the following participants is included: M. Caccampo and F. di Bello. (Andrea Carignani)

131 SCHÖNERT-GEISS, EDITH. Maroneia und die Thraker—Wechselbeziehungen zwischen Polis und Hinterland. *Eirene* Vol. 22 (Prague, Nakl. Československé akademie věd 1985) pp. 39-53.

The evidence for Maroneia's relations with Thrace is based on the coinage of the Thracian kings as well as on coins and hoards of Maroneia. The connections between the Odrysae and the city were very close and mutually profitable. (Author)

132 SERVAIS-SOYEZ, BRIGITTE. La "Triade" phénicienne aux époques hellénistique et romaine. *Studia Phoenicia IV. Religio Phoenicia. Collection d'ÉtClass* Vol. 1 (1986) pp. 347-360 illus.

Imperial coins of Byblos, Berytus and Sidon are discussed in relation to the problem of the Phoenician triad. (Paul Naster)

133 SHEPPARD, A.R.R. *Homonoia* in the Greek cities of the Roman Em-

pire. *AncSoc* Vol. 15-17 (1984-1986) pp. 229-252.

The author employs a large number of *Homonoia* coins for this study.

(Paul Naster)

134 SIPPEL, DONALD V. The Cretan 'Labyrinth' on the Coinage of Knossos. *SAV* Vol. 17 No. 2 (June 1987) pp. 32-35 illus.

Whether or not a labyrinth of Minos at Knossos once actually existed is not as important as the use of this symbol as numismatic propaganda, which clearly proclaimed this city's association with the heroes and deeds of the legendary past.

(Vic Kozik)

135 STAZIO, ATTILIO. Il problema delle emissioni campano-tarantine. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici. Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 375-392.

On the basis of a review of the hoards and available documentation, the author discusses the problem of Campano-Tarentine coinage. He describes the issues struck under the name of Tarentum, but structured on a diverse weight system. These coins circulated and were destined to be used outside the territory directly under Tarentine rule—in Campania and northern Apulia. The discussion of the participants of the congress is included.

(Andrea Carignani)

136 STRUBBE, J.H.M. Gründer kleinasiatische Städte. Fiktion und Realität. *AncSoc* Vol. 15-17 (1984-1986) pp. 253-304.

Types and legends of coins have been examined to study the history of the foundation of several Anatolian cities.

(Paul Naster)

137 *Sylloge Nummorum Graecorum. The Collection of the American Numismatic Society, Part 6: Palestine-Saudi Arabia*. Edited by Ya'akov Meshorer. (New York, American Numismatic Society 1981) illus.

The 1,615 coins in the American Numismatic Society's collection are described and illustrated in 54 plates.

(Candace Carter)

138 *Sylloge Nummorum Graecorum Deutschland. Münzsammlung der Universität Tübingen. No. 3* (Berlin, Mann 1985) illus.

This *SNG* contains 631 coins from Acarnania to Bithynia, edited by D. Mannsperger and G. Fischer-Heetfeld. Among the coins are 152 from Athens and 68 from Corinth. There are 23 plates.

(Wolfgang Leschhorn)

139 *Sylloge Nummorum Graecorum Deutschland. Staatliche Münzsammlung München. No. 7* (Berlin, Mann 1985) illus.

This *SNG* contains 62 coins of the Tauric Chersonese, 44 of Sarmatia, 23 of Dacia, 98 of Moesia Superior and 285 of Moesia Inferior, edited by H. KÜthmann and U.

Pause-Dreyer. There are 20 plates.

(Wolfgang Leschhorn)

140 TALIERCIO, MARINA. Il bronzo di Napoli. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici. Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 219-373 illus.

The author examines all of the bronze coinage of Neapolis, which is divided into 267 series and reconstructed in homogeneous groups on the basis of typology and weight. In this study the author proposes that the coins may be grouped into 4 principal phases.

(Andrea Carignani)

141 THOMPSON, H.O. A Tyrian Coin in Jordan. *Biblical Archaeologist*, ASOR Vol. 50 No. 2 (June 1987) pp. 101-104 illus.

The author discusses a Tyrian stater of Type BMC 19-21, found during excavations at Khirbet al-Hajjar, SW of Amman in Jordan.

(Arnold Spaer)

142 VACANO, OTFRIED VON. *Typenkatalog der antiken Münzen Kleinasiens*. Edited by Dietmar Kienast. (Berlin, Reimer 1986) 513 pp.

With the help of a computer the author set up an index of the reverse types and symbols of Asia Minor coinage, with the exception of electrum coinage, coinage of the Attalids and Lysimachus of Asia Minor, posthumous Alexanders and cistophors. The publications of the large collections, important monographs and numerous journal articles were fully used. In addition to the reverse types, the place of origin, the dating, the metal, publication and a short description of the obverses are given.

(Wolfgang Leschhorn)

143 VAN KEUREN, FRANCES. The Late Staters from Heraklea Lucaniae (281-272 BC): Additional Evidence on the Reduction of the South Italian and Romano-Campanian Standards. *La monetazione di Neapolis nella Campania antica*. Atti del VII Convegno del Centro Internazionale di Studi Numismatici. Napoli 20-24 aprile 1980. (Naples, Arte Tipografica 1986) pp. 413-424 illus.

The author places the last phase of the activity of the mint of Heraclea in Lucania in the epoch of the Pyrrhic War. After dividing the staters struck in this period into 3 groups, the author studies and defines the problem of the weight reduction of Romano-Campanian coinage and South Italian coinage in the first half of the 3rd century BC.

(Andrea Carignani)

144 WEISER, WOLFRAM. Ein Fund von rhodischem Kleingeld aus hellenistischer Zeit. *ZPE* Vol. 66 (1986) pp. 209-215 illus.

The author discusses a find of 33 hellenistic bronze coins, among which are 27 copper coins from Rhodes, which must have been buried after 150 BC.

(Wolfgang Leschhorn)

145 WEISS, PETER. Argaios/Ericiyas Dağı—Heiliger Berg Kap-

padokiens. *Monumente und Ikonographie. JNG* Vol. 35 (1985) pp. 21-48 illus.

This study deals with one of the best known holy mountains of antiquity, which hitherto has not yet been subject to thorough examination, although well known as an emblem of the Imperial mint of Caesarea. In the first part, the catalogue, representations of the mountain have been collected and put into an iconographic order. By quantity representations on coins are predominant, but there are bronze votives and, surprisingly, many intaglios. In the second part, by discussing the representations, an interpretation is given, which tries to show how geographical/geological facts can become the basis of religious concepts. It further makes clear that figural representations from the time of Romanized Cappadocia form just a small, although very intensive part of the veneration of this volcanic massif. By its form this contribution still resembles an article for a dictionary (*LINC*) out of which it has been developed.

(Author; Trans. B. Overbeck)

146 ZIEGLER, RUPRECHT. *Städtisches Prestige und kaiserliche Politik. Studien zum Festwesen in Ostkilikien im 2. und 3. Jahrhundert n.Chr.* (Dusseldorf, Schwann 1985) 168 pp. illus.

The coinage of Tarsus, Anazarbus, Aegeae, Mopsus, Hieropolis Castabala, Adana, Augusta, Pompeiopolis and Mallus from the period of Hadrian to Valerian are organized according to the interplay of powers in east Cilicia and the political settings. In an appendix the frequency of the output of east Cilician cities is demonstrated.

(Wolfgang Leschhorn)

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 8, 13, 34.

Technology and Methodology, Nos. 51, 56.

Punic, Nos. 158, 159.

Roman, Nos. 188, 257.

Western and Central Europe, No. 566.

Medals and Decorations, No. 861.

CELTIC

147 BIRO-SEY, KATALIN. Celtic Coins of the Danube Region in West Swedish Collections. *Göteborgs Numismatiska Förenings Småskrifter* No. 19 (1987) pp. 447-498 illus. In English and Swedish.

The author surveys the Celtic coins of the Danube region. A catalogue of such coins in West Swedish, mainly private, collections, is also given. (Ulla Westermarck)

148 KOS, PETER. Die Goldmünzen der norischen Kelten. *JNG* Vol. 34 (1984, publ. 1985) pp. 7-9 illus.

On the basis of the new announcement of a Celtic gold coin at the Nationalmuseum Ljubljana, which has the small silver coins of the horse type, the existence of a gold coinage at Noricum is demonstrated.

(Wolfgang Leschhorn)

149 OVERBECK, BERNHARD. Alkimoennis-Kelheim, eine neue keltische Münzstätte. *Bayerische Vorgeschichtesblätter* Vol. 52 (Munich, 1987) pp. 245-248 illus.

Excavations in the Celtic oppidum of Alkimoennis-Kelheim have unearthed clay molds for casting coin blanks typical for Celtic coin production and, thus, prove that this oppidum had its own mint. Additional recently found coins of this site are published, including one drachm of Massiliotic type from Cisalpine Gaul with a retrograde Lepontic inscription **NATORIS**, a name not previously known. (Author)

150 OVERBECK, BERNHARD. Celtic Chronology in South Germany. The Coinage of the Roman World in the Late Republic. *Proceedings of a Colloquium held at the British Museum in September 1985*. BAR International Series No. 326 (Oxford, 1987) pp. 1-12 illus.

This contribution gives a survey of the state of debate concerning the chronology of Celtic numismatics and archaeology, especially in light of recently-published archaeological finds and research. One central topic is the question on the dating of the end of the central European oppida civilization, which now can be connected with those events reported by Caesar as the migration of the Helvetii in 58 BC, so that oppida like Manching in Bavaria and others must have been abandoned already about this time and not, as many scholars formerly had suggested, in 15 BC, when these territories were conquered by the Romans. Hoards, burial inventories and archaeological sites important to chronological and numismatic research are discussed. (Author)

151 OVERBECK, BERNHARD. Eine keltische Kleinsilbermünze von Kelheim-Mitterfeld, Gemeinde Kelheim, Landkreis Kelheim, Niederbayern. *Das Archäologische Jahr in Bayern 1984*. (Stuttgart, 1985) pp. 85-86 illus.

A small Celtic silver coin of hitherto unknown type found during regular excavations inside the Celtic oppidum of Kelheim, the ancient Alkimoennis, is described. The author concludes that this coin was certainly struck close by, probably even in a supposed mint of this very oppidum. It is dated not later than the beginning of the 1st century BC. (Author)

152 OVERBECK, BERNHARD. Neufunde sogenannter "glatter Regenschüsselchen" aus Unterfranken. *Mainfränkische Studien* Vol. 37 *Aus Frankens Frühzeit, Festschrift P. Endrich zum 100. Geburtstag*. (Würzburg, 1986) pp. 106-112 illus.

Some of those "smooth rainbow cups," which have been struck in the Celtic oppida of northern Bavaria, are published. In one case this even can be proven by the die for a gold stater of this type of coin, which recently was found in the oppidum of Staffelberg. One of those gold staters published (from Bimbach, Lower Franconia) is of a type hitherto unknown. (Author)

153 RÖBLITZ, GÜNTHER. Zur Beschaffenheit, Herkunft und Entstehungszeit der Goldstatere aus dem latene-zeitlichen Grab von Dobian. *Alt-Thüringen Weimar* Vol. 21 (1986) pp. 228-237.

The author describes the gold staters from the grave at Dobian and establishes a new chronology for the beginning of Celtic coinage in the early 3rd century BC.
(Paul Arnold)

154 SCHEERS, SIMONE. Le trésor de Saint-Quentin et les statères uniface des classes IV et VI. *Mélanges de numismatique offerts à Pierre Bastien*. (Wetteren, Numismatique romaine 1987) pp. 345-352 illus.

A hoard of uniface staters, discovered near Saint-Quentin (Aisne, France), is conclusive for the attribution of some late uniface staters to the Atrebates and to the Morini during the reign of Commios (king from ca. 55-51 BC). (Author)

155 ZEDELIUS, VOLKER. Alter Schatz- Neuer Typ. Keltische Kleinsilbermünzen von Stolberg-Breinigerberg, Kreis Aachen. *Berichte aus der Arbeit des Museums* (Bonn, Das Rheinische Landesmuseum 1986) pp. 48-49 illus.

The author reconstructs a dispersed hoard of at least 6 Celtic silver coins; the type with the "dancing man" (Forrer 351/351a) is predominant. The chief area of circulation of this coinage is assumed to be the middle Hessen mountain country and that of Wetteren/Hesse. (Wolfgang Leschhorn)

For additional references to Celtic numismatics, see the following abstracts:

General, Nos. 10, 22, 34.
Roman, Nos. 179, 203.

PUNIC

156 ALFARO ASINS, C. Observaciones sobre las monedas de **SEKS** según la colección del **MAN**. *Almuñecar, Arqueología e Historia* Vol. III. Edited by E. Molina Fajardo (Granada, Caja Provincial de Ahorros de Granada 1986) pp. 75-103.

The author studies the coinage of Sexi within the general historical and archaeological record of Almuñecar, ancient Sexi. (Leandre Villaronga)

157 BETLYON, JOHN WILSON. *The Coinage and Mints of Phoenicia. The Pre-Alexandrine Period*. Harvard Semitic Monographs, Vol. 26 (Chico, CA, USA, Scholars Press 1982) 171 pp.

158 GARCIA-GARRIDO, M. and COSTA, M. Divisores de plata con tipología helénico-púnica. *ActaNum* Vol. 16 (1986) pp. 53-64 illus.

The authors discuss the types: Tanit/caduceus; female head/star; head of Apollo/late C. (Leandre Villaronga)

159 LIPIŃSKI, EDOUARD. Zeus Ammon et Baal-Ḥammon. *Studia Phoenicia IV. Religio Phoenicia. Collection d'ÉtClass* Vol. 1 (1986) pp. 307-332 illus.

The history of the cult of Zeus Ammon is documented by coins of Cyrene, Barca, Salamina of Cyprus, Golgoi, Alexandria, Damascus, Bostra, Hadrumetum and Tenos. Cf. *NL* 116-291. (Paul Naster)

160 LOPEZ CASTRO, J.L. El inicio de la acuñación de moneda en la ciudad de Sexs. *ActaNum* Vol. 16 (1986) pp. 657-672 illus.

The mint is characterized by the use of archaic Punic symbols. (Leandre Villaronga)

161 ROOBAERT, A. Šid, Sardus Pater ou Baal Ḥammon? À propos d'un bronze de Genoni (Sardaigne). *Studia Phoenicia IV. Religio Phoenicia. Collection ÉtClass* Vol. 1 (1986) pp. 333-345 illus.

On the occasion of the study of a statuette in the Museum of Cagliari, a coin of Atius Balbus from Antas, with the type of Sardus Pater, is discussed. (Paul Naster)

For additional references to Punic numismatics, see the following abstracts:

Greek, No. 132.

ETRUSCAN

162 TONDO, LUIGI. Introduzione. *Le monete di Piombino: dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini ed., 1987) pp. 9-11.

A brief survey of the most significant finds from the excavations at Populonia, as well as the 1741 finds, is given. The activity of Elisa Bonaparte in the numismatic field and in ancient medallic art is described. (Sara Sorda)

163 TONDO, LUIGI. Note sulla Storia della Zecca di Piombino. *Le monete di Piombino: dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini ed., 1987) pp. 105-106.

In the introduction to the publication (pp. 107-143) the correspondence between G.A. Boldrini of Bologna and Carlo Rosa Somasca, archivist of the Principi Ludovisi at Rome, and between C.R. Somasca and Dr. G. Valenti of Piombino is published. Such correspondence was excerpted by G.A. Zanetti at the end of the collection of necessary dates in the second volume of *Zecche d'Italia*, Bologna (1779).

(Sara Sorda)

164 TONDO, LUIGI. Tre "tesori" di monete popoloniesi. *Le monete di*

Piombino: dagli Etruschi ad Elisa Baciocchi. Catalogo della mostra, Piombino 1987. (Pisa, Pacini ed., 1987) pp. 13-20 illus.

The author compares the contents of 3 hoards: 1) a find ca. 1885 near Sovana, handed over to Garrucci almost complete, and subsequently dispersed; 2) found in 1930, possibly at Montalcino; and, 3) discovered at Populonia in 1939.

(Sara Sorda)

165 TONDO, LUIGI. Un'officina monetaria romana a Gubbio? *Studi Etruschi* Vol. 53 (1985) (Rome, G. Bretschneider 1987) pp. 141-142.

The mint of Gubbio, certainly operating in an autonomous manner in the pre-Roman epoch, continued its activity as a dependent workshop after the conquest.

(Andrea Carignani)

166 TRIPP, DAVID ENDERS. Coinage. *Etruscan Life and Afterlife. A Handbook of Etruscan Studies*. Edited by Larissa Bonfante. (Detroit, Wayne State University Press 1986) pp. 202-214 illus.

A brief overview of Etruscan coinage is given, along with a glossary and a bibliography of the most significant works on the coinage.

(Candace Carter)

167 VANNI PECCATORI, FRANCA MARIA. La monetazione di Populonia. *Le monete di Piombino: dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini ed., 1987) pp. 49-51.

A brief review of the monetary series of Populonia is given.

(Sara Sorda)

For additional references to Etruscan numismatics, see the following abstracts:

General, Nos. 10, 44.

Greek, No. 88.

Roman, Nos. 179, 286.

IBERIAN

168 ALMAGRO GORBEA, MANUEL *et al.* *Monete iberiche nelle collezioni italiane*. Vol. I (Milano, Bologna); Vol. II (Firenze, Roma, Napoli). *BollNum Monografia* (Rome, 1986) 437 pp. illus.

The author publishes completely in 2 volumes the Iberian coinage in the numismatic collections of the museums of Milan, Bologna, Florence, Rome and Naples. The book is a joint effort by Spanish and Italian scholars.

(Andrea Carignani)

169 CASARIEGO, A., CORES, G., and PLIEGO, F. *Catálogo de Plomos*

Monetiformes de la Hispania Antigua. Artis Traditio S.A., Numismatic Series No. 1 (Madrid, 1987) illus.

The authors discuss in this first book the bullet coinage of the peninsula. A catalogue and illustrations are included. (Leandre Villaronga)

170 GABINETE NUMISMATICO DEL C.A.S. Cuatro sextantes inéditos de Arse-Saguntum. *Arse* Vol. 19 (1984) pp. 66-68.

Four sextantes with typological or stylistic varieties are published. (Leandre Villaronga)

171 GABINETE NUMISMATICO DEL C.A.S. Divisores de plata de Arse. *Arse* Vol. 21 (1986) pp. 25-30 illus.

The following coins are discussed: 4 with female head/star; 1 with dolphin/the Iberian legend **ARSE-TAR**; and, 3 with the head of the horse on the reverse. (Leandre Villaronga)

172 GARCIA GARRIDO, M. and COSTA, S. Divisor inédito fr Arse. *Arse* Vol. 21 (1986) pp. 21-23 illus.

A counterfeit coin of 0.25 g with the Iberian legend **ARS(E)TAR** is published. (Leandre Villaronga)

173 GIL FARRES, O. Acerca de los denarios ibéricos. *Boletín del Museo Arqueológico Nacional (Madrid)*. Vol. 1 No. 1 (1982) pp. 85-88.

The author publishes a commentary concerning the classification of hairstyles on Iberian denarii. (Leandre Villaronga)

174 LHERMET, M. Une nouvelle monnaie à légende ibérique **KURUKURUATIN/BERSA**. *GacNum* Vol. 85 (1987) pp. 13-14 illus.

The author confirms that the mint place was in Gaul. (Leandre Villaronga)

175 PELLICER I BRU, J. Metrològia antiga. Els pesals ibèrics. *Pyrenae* Vol. 21 (1985) pp. 61-67.

The autochthonous system in Catalonia was based on a weight of 408 g, which was introduced by the seals. (Leandre Villaronga)

176 VILLARONGA, L. Imitacions gàl·liques de les dracmes de Rhode i Empòrion. *ActaNum* Vol. 16 (1986) pp. 21-51 illus.

In this study concerning the hoards, prototypes and influences of Gallic coins which imitate the drachms of Rhoda and Emporiae, the arrangement and chronology are discussed. The way in which these imitations arose and the motive behind their striking are determined. (Author)

177 VILLARONGA, L. Les seques ibèriques catalanes: una síntesi.

Fonaments Vol. 3 (Barcelona, Curial 1982) pp. 135-183.

The author studies the Iberian mints in the Catalanian region: Untikesken, Kese, Masonsa, Kaio, Iltirta, Arketurki, Eso, Ausesken, Eustibaikula, Ore, Laiesken, Iltirkesken, Lauro, Ilturo, Oskumken, Baitolo, Ieso, Abariltur and Biluaon. The mints are described as follows: order of emissions; hoards and monetary circulation; chronology; legends; site; bibliography. (Leandre Villaronga)

For additional references to Iberian numismatics, see the following abstracts:

Roman, No. 256.

ROMAN

178 ALBERT, RAINER. Cura Annonae. Die Getreideversorgung Roms auf Münzen. *NNb* Vol. 35 No. 5 (1986) pp. 114-119 illus.

The interpretation of different types on coinage of the Roman Republic shows that the corn supply of the people and the founding of colonies to improve the supply situation played an important role in the political discussion in Rome at that time. (Wolfgang Leschhorn)

179 ALBRETHSEN, P. HØEG. Carnyx. En keltisk krigstrompet som møntmotiv og romersk sejrstrofé [Carnyx. A Celtic War Trumpet as a Coin Motif and Roman War Trophy]. *NNUM* No. 5 (1987) pp. 102-123 illus.

The author studies the carnyx as a motif on Roman coins and monuments (such as Trajan's column, the Arch of Orange, *et al.*), following the development from Nordic bronze horns and Etruscan instruments to the Roman Imperial period. (Harald Nilsson)

180 ALONSO-NUNEZ, JOSE-MIGUEL. Die Ideologie der Virtus und der Fortuna bei Florus im Lichte der Inschriften und Münzen. *Bonner Jb* Vol. 168 (1986) pp. 291-298 illus.

On the basis of a fundamental thought of Florus (*epit. praefatio* 2), the greatness of Rome resulted from the combination of Virtus and Fortuna, which was observed, among others, on Hadrianic coinage with Virtus and Fortuna, which was introduced as an idea to be translated into Imperial ideology. (Wolfgang Leschhorn)

181 AMANDRY, M. Deux aurei du médaillier municipal de Bordeaux. *BSFN* Vol. 42 No. 6 (June 1987) pp. 220-221.

An aureus of Carinus Caesar struck in Siscia in AD 282 confirms the reading of the example of Turin corrected in the *RIC*; an aureus of Constantius Chlorus struck in Trier in AD 294 with an obverse die of *argenteus*. (Marc Bompaire)

- 182** AMANDRY, M., THION, P., TROMBETTA, P. Le trésor de Metz-Pontifroy (Moselle). *BSFN* Vol. 42 No. 5 (May 1987) pp. 193-194.

Ten denarii and 11 antoniniani, dating from Septimius Severus to Trebonianus Gallus, found during the excavations, form part of a hoard, which was deposited in AD 253, similar to 2 other hoards found at Metz. (Marc Bompaire)

- 183** AMANDRY, M., DELESTREE, L.-P., HOLLARD, D. and METZGER, C. Le trésor de Mons-Boubert (Somme). *Trésors monétaires* Vol. 9 (1987) pp. 31-45.

Twenty-two denarii from Lucillus to Gordian III and 550 antoniniani from Elagabalus to Postumus/Gallienus were found in a vase with gold jewelry typical of the period—necklace, buckles, rings. Each piece is studied. The coins show a lack of care to save the good pieces (41% of Postumus vs. 4% of Gallienus and 6 imitations of Postumus). The date of deposit is AD 268. (Marc Bompaire)

- 184** ARENA, MARIA STELLA. *Ville e insediamenti rustici di età romana in Umbria*. (Perugia, Editrice Umbria Cooperativa 1983) pp. 93-101.

The author discusses a find of coins of Valens and Constantine in a Roman villa near Deruta (Perugia). (Ada Gabucci)

- 185** ARIEL, D.T. Coins from the Synagogue at 'En Nashut. *IEJ* Vol. 37 Nos. 2-3 (1987) pp. 147-157.

The coins found during the excavations of the 5th century AD synagogue at this Golan site are listed and analyzed. Of a total of 719 coins found, 466 have been identified. All are copper, except for 3 tremisses, one each of Justinian I, Justin II and Maurice. The identified copper issues consist of single coins of the Procurators, Titus, Hadrian and Antoninus Pius; 4 coins of the 3rd century AD; a Turkish coin; and, the remainder date from Licinius Senior to Maurice. (Arnold Spaer)

- 186** BALDUS, HANS ROLAND. Constantius et Constans Augusti. Darstellungen des kaiserlichen Brüderpaares auf Prägungen der Jahre 340-350 n.Chr. *JNG* Vol. 34 (1984, publ. 1985) pp. 77-106 illus.

The unusual coinage of the years 340-350 with the depiction of the Imperial pair Constantius II and Constans, from the Eastern and Western parts of the Empire have been interpreted as evidence of the changing relations of both Caesars with one another. There must have been a special coinage on the occasion of the festival. They were, above all, superior officials and soldiers as well as Imperial partners with a good relationship. (Wolfgang Leschhorn)

- 187** BANTI, ALBERTO. *I grandi bronzi imperiali. Da Philippus I a Postumus*. (Florence, A. Banti 1987) 347 pp. illus.

- 188** BAR, MARC. Les modalités de l'influence de l'hellénisme sur les monnaies gallo-belges du temps de César. Part 2. *CENB* Vol. 24 No. 2 (April-

June 1987) pp. 35-43 illus.; Part 3. *CENB* Vol. 24 No. 3 (July-Sept. 1987) pp. 67-77 illus.

Ca. 20 Gallo-Roman coin groups present legends in Roman letters with some special signs. The origins are traced. Cf. *NL* 118-86. (Paul Naster)

189 BESLY, EDWARD. *Roman Coins Relating to Britain*. (Cardiff, National Museum of Wales 1987) 20 pp. illus.

A picture book describing the Roman coinage used in and relating to Britain is published. (Author)

190 BIRÓ-SEY, KATALIN. A keceli éremlelet [The hoard of Kecel]. *Cumania* (1986) pp. 27-72. German summary.

Although the hoard was unearthed in 1934, only parts have been published. The hoard consisted of 2,550 denarii and 46 contemporary imitations. The earliest dates to the Republic, 196-173 BC; the latest was struck in Rome in AD 214 under Caracalla. Among the imitations, which are later, is an imitation of Commodus. A catalogue of the hoard is given. (István Gedai)

191 BIRÓ-SEY, KATALIN and LÁNYI, VERA. Fundmünzbericht 1982. *AArchAcadSciHung* Vol. 38 (1986) pp. 299-312.

The authors publish 441 Roman coins which were discovered in the territory of Pannonia in 1982. (István Gedai)

192 BOMPAIRE, M. and REMY, B. Antoniniens du trésor de Moussages (Cantal). *BSFN* Vol. 42 No. 7 (July 1987) pp. 237-239.

Sixteen coins, dating from Gallienus to Quintillian and from Postumus and Victorianus, allow a brief mention of a 1905 discovery of several thousand coins to be discussed more fully later. (Authors)

193 BOON, GEORGE C. Theodosian Coins from North and South Wales. *Bull. Board of Celtic Studies* Vol. 33 (Cardiff, University of Wales 1986) pp. 429-435.

The author examines the numismatic evidence for the latest Roman presence in Wales, in the light of recent discoveries of Theodosian period coins. (Edward Besly)

194 BORIĆ-BREŠKOVIĆ, BOJANA. Katalog sistematske zbirke rimskog carskog novca u Narodnom muzeju u Beogradu, VIII [A Catalogue of the Roman Imperial Coins Collection in the National Museum of Belgrade, VIII, Antoninus Pius-Faustina Diva]. *Numizmatičar* Vol. 8 (1985) pp. 7-35 illus.

The eighth part of the catalogue includes 31 examples of copper coins of Antoninus Pius and 63 examples of his wife Faustina Diva (46 silver and 17 copper). (D. Gaj-Popović)

195 BORIĆ-BREŠKOVIĆ, BOJANA. Katalog sistematske zbirke rimskog carskog novca u Narodnom muzeju u Beogradu, IX [A Catalogue of the Roman Imperial Coin Collection in the National Museum of Belgrade, IX]. *Numizmatičar* Vol. 9 (1986) pp. 29-44 illus.

The ninth part of the catalogue includes 45 examples of coins struck at the Roman Imperial mint during the reign of Antoninus Pius. (D. Gaj-Popović)

196 BOUZEK, JAN. Význam mincí a jiných římských importů v barbarském prostředí [The Significance of Coins and Other Roman Imports in the Barbarian Environment]. *SlovNumiz* Vol. 9 (1986) pp. 191-198. Russian and German summaries.

The author discusses the possibility that the barbarians may have used Roman coins for their metal as an intrinsically valuable raw material, thus enabling them to produce jewelry and commemorative articles. Certain magical forces seem to have been attributed to Roman coins. The coin portraits inspired local craftsmen.

(Z. Nemeškalová-Jiroudková)

197 CABRERA FOMBUENO, V. Sobre un denario forrado de Augusto. *Arse* Vol. 20 (1985) pp. 49-50.

The author discusses a gold denarius.

(Leandre Villaronga)

198 CALABRIA, PATRIZIA. Note sulla circolazione monetaria in area laziale. *NotChistroMonMagg* Vol. 25-26 (1985) (Milan, 1987) pp. 95-110 illus.

The author publishes 55 coins, dating from 286 BC to Faustina I, found in an excavation in a sanctuary relatively near Gabi. The author advances the hypothesis that the 2 monetary series most attested (Apollo and Janus/Mercury) could have been struck in the mint of this city.

(Andrea Carignani)

199 CALABRIA, PATRIZIA. Una personificazione femminile romana: Tutela. *RIN* Vol. 88 (1986) pp. 77-88 illus.

Juridical, ideological and religious aspects of iconography on coinage are discussed. The images of Tutela in the issues of Vitellius, Vespasian, Nerva, Tetricus I and Carausius are examined.

(Andrea Carignani)

200 CLASSEN, CARL JOACHIM. *Virtutes Romanorum* nach dem Zeugnis der Münzen republikanischer Zeit. *MDAI(R)* Vol. 93 (1986) pp. 257-279 illus.

The representation of the Republic on Roman coins may be understood in all respects of her declared power with regard to Roman high quality and value marks.

(Wolfgang Leschhorn)

201 DAR, S. Kh. Summaqa. *Hadashot Arch* No. 89 (1987) pp. 26-28. In Hebrew.

Coin finds at this site 15 km. SSE of Haifa included a city coin of Caesarea and late 3rd/4th century Roman issues.

(Arnold Spaer)

202 DEL MAR LLORENS, MO. *La Ceca de Ilici*. Estudis Numismàtics Valencians, No. 1. (Valencia, Conselleria de Cultura, Educació i Ciència de la Generalitat Valenciana 1987) 172 pp. illus.

The author studies the coins struck in Ilici, present day Elche, from the year 42 BC to the time of Augustus and Tiberius. He discusses all aspects, including the die-sequence, metallography, and an estimation of the number of original dies.

(Leandre Villronga)

203 DELMAIRE, R. and REVILLION, S. Quelques données numismatiques des manuscrits de L. Théry. *BSFN* Vol. 42 No. 7 (July 1987) pp. 239-240.

The authors discuss in more or less detail discoveries of isolated gold Celtic and Roman coins and an Alexandrian bronze of Probus, found in the region of Nord-Pas-de-Calais.

(Marc Bompaire)

204 DEPEYROT, G. A propos du système monétaire du Bas Empire romain. *Genèse de l'Etat moderne, prélèvement et redistribution*. (Paris, Editions du CNRS 1987) pp. 29-33.

A discussion of the disinterest in billon and bronze after 330 and especially 360, the interest in silver during its debasement in the years 350-390 in opposition to the rise in gold after 330 and especially 370 in solidi and ingots as witnessed by the coin deposits and the laws of the Theodosian Code is published.

(Marc Bompaire)

205 DESNIER, J.-L. Le trésor de la rue d'Alsace à Clermont-Ferrand. *Trésors monétaires* Vol. 9 (1987) pp. 17-29.

Four hundred thirty-seven coins of this hoard found in 1890 were published in 1939. A group of 142 coins of this hoard which represents most of the varieties are reproduced here. The latest coins were struck in AD 261, but the great number of the coins of Postumus suggests a date of AD 263.

(Marc Bompaire)

206 DIMOV, MILTCHO. Imitations barbarisées de monnaies de cuivre du temps de l'empereur Constantin I. *Numizmatika* Vol. 21 No. 2 (1987) pp. 22-23. In Bulgarian; French summary.

The author publishes 2 barbarian imitations of bronze coins from the time of Constantine I, which were discovered in the area of Escus.

(Jordanka Youroukova)

207 DONALD, P.J. A Predictable Piece poses a Problem. *NCirc* Vol. 95 No. 5 (June 1987) p. 148 illus.

A Carthaginian decanummium of Justinian I is discussed.

(Edward Besly)

208 DOYEN, JEAN-MARC. A propos d'un binio de Gallien (Rome, mi-260-261 après J.-C.). *JEListeFPL* No. 102 (Sept.-Oct. 1987) pp. 2-3 illus.

A binio belonging to the first emission of the reign of Gallienus is discussed. The radiate head makes it a binio, even if the weight is very light (2.76 g); the reverse

bears a **IOVI VLTORI** type.

(Paul Naster)

209 DOYEN, JEAN-MARC. Les monnaies romaines découvertes dans la grotte de Sinsin. *Amphora* Vol. 37 (Sept. 1984) pp. 28-30.

In a cave at Sinsin (prov. Namur, Belgium) were discovered 4 sestertii from Galba to Marcus Aurelius; 4 antoniniani from Trajan Decius to the joint reign of Valerian and Gallienus (one of the mint of Cologne); and 1 bronze of Maxentius.

(Paul Naster)

210 DOYEN, JEAN-MARC. Les nécropoles et les trésors monétaires antiques de la "Bûchère" à Vieux-Molhain (Département des Ardennes). *Amphora* Vol. 48 (June 1987) pp. 21-30 illus.

At the site of Vireux (Ardennes, France) 2 hoards have been discovered: (1) discovered in 1861, 24 silver coins dating from Septimius Severus to Aemilianus, are catalogued; (2) discovered in 1960-65, coins of Licinius from the period 308 to the monetary reform of 330, are described. See *NL* 115-17.

(Paul Naster)

211 DOYEN, JEAN-MARC. Nummi inédits des émissions T/F//PLG et TF/*//PLG (Lyon, 315 après J.-C.). *Latomus* Vol. 46 (1987) pp. 413-428 illus.

Additions to Pierre Bastien's work are made. 8 nummi of the joint consulate of Constantine I and Licinius I (Nos. 6 and 7). Nos. 1-5 and one in the addendum are published.

(Paul Naster)

212 DOYEN, JEAN-MARC. Une série de quinaires frappée à Rome en l'honneur de Gallien (260-261). *RBN* Vol. 133 (1987) pp. 87-95 illus.

A series of ca. 30 quinari, mostly with the **VICTORIA AVG** type, but also *Virtus* and *Liberalitas*, is examined. The Imperial titulature, weight and place in the monetary system in relation to the pound are discussed.

(Paul Naster)

213 DZIEWULSKI, DAVID M. An Unverified Antoninianus of Gallienus and Speculation of the Occasion of its Issue. *SAN* Vol. 17 No. 2 (June 1987) pp. 30-31 illus.

The emperor's titles on the reverse date this unlisted variety to AD 264. The adventus issue suggests that Gallienus travelled more during his so-called sedentary period than was previously believed.

(Vic Kozik)

214 EHRHARDT, CHRISTOPHER T.H.R. Roman Coin Types and the Roman Public. *JNG* Vol. 34 (1984, publ. 1985) pp. 41-54.

The frequent change in types on the coinage of the Republic and Empire shows that, as depictions of information and a means of propaganda, the public must have been influenced. In many cases the emperor directly influenced the choice of themes.

(Wolfgang Leschhorn)

215 ESTIOT, SYLVANE. *Tacito e Floriano, Ripostiglio della Venèra. Nuova*

Catalogo Illustrato. Vol. II.2. Edited by J.-B. Giard. (Verona, Comune di Verona, Museo di Castelveccchio, Cassa di Risparmio di Verona, Vicenza e Belluno 1987) 112 pp. illus.

On the basis of the coinage of Tacitus and Florianus (AD 275-276), yielded from the hoard of Venèra (Verona) in the Museo di Castelveccchio, the author proposes a first outline of the emissions of the 2 emperors, by analyzing the circulation and the composition of different contemporaneous hoards. The coins, from which accurate, published data are obtained, come from the mints of Rome, Lugdunum, Ticinum, Siscia, Serdica, Cyzicus, Antioch and Tripolis of Libya. (Andrea Carignani)

216 FIALA, ANTON. Nálezy římských mincí na Devíne [Roman Coin Finds from Devín]. *SlovNumiz* Vol. 9 (1986) pp. 157-178 illus. Russian and German summaries.

At the castle of Devín 36 Roman coins were found, mainly during the archaeological excavations conducted since 1966. Roman coinage was found not only in the level of the Roman structures, but also in the late La Tène.

(Z. Nemeškalová-Jiroudková)

217 FISCHER, THOMAS. Ein römischer Denarfund aus dem Vicus des Kastells Dambach, Gde. Ehingen, Lkr. Ansbach (Mittelfranken). *JNG* Vol. 35 (1985) pp. 49-57 illus.

In the southern vicus of the Roman camp of Dambach a conglomerate lump of denarii was found with the aid of a metal detector. Conservation yielded 25 denarii, mostly from the Severan dynasty, the latest issue from AD 211. In comparison to similar hoards from western Raetia, it becomes more and more likely that there is a levelling off of hoards before AD 213, the very year when Caracalla started his campaign against the Alamanni. Should this be confirmed further, this campaign could no longer be seen as a preventive measure of Roman strategy, but as a reaction against first raids of the Alamanni into western Raetia.

(Author; Trans. B. Overbeck)

218 GABINETE NUMISMATICO Y POSTAL DEL C.A.S. Los Símbolos marinos de Sagunto y los magistrados monetarios CA.PV. *Arse* Vol. 20 (1985) pp. 51-54.

Five varieties, heretofore unillustrated, are published.

(Leandre Villaronga)

219 GARNIER, J.-P. Nouvelle interprétation d'un antoninien de Gallien frappé en Asie (Antioche, *RIC* 606). *BSFN* Vol. 42 No. 5 (May 1987) pp. 194-196.

This type described as Saturn holding an object is in fact a portrayal of an individual (Gallienus himself) holding an *ancus*, a scepter of elephant drivers, and a symbol of eternity.

(Marc Bompaire)

220 GAUTIER, G. Deux nouveaux *argentei* d'Alexandre. *BSFN* Vol. 42 No. 5 (May 1987) pp. 197-198.

Complementary to an earlier article (*NL* 116-232), the author presents an example of Galerius in Oxford and a previously unpublished example of Maximian in Paris, which confirm the proposed classification. (*Marc Bompaire*)

221 GENDRE, P. Un Médaillon d'Antonin le Pieux découvert à Mesnil-Saint-Nicaise (Somme). *BSFN* Vol. 42 No. 3 (March 1987) pp. 168-169.

The author publishes a medallion, dated 140-144, with a heretofore unpublished representation of Mercury. (*Marc Bompaire*)

222 GILMORE, P.M. Caracalla's Silver Mints in Syria and Mesopotamia. *NCirc* Vol. 95 No. 4 (May 1987) pp. 109-110.

223 GORINI, GIOVANNI. Le monete di Aquileia nella Dalmazia e nell'Illirico. *Aquileia, la Dalmazia e l'Illirico* Vol. II *Antichità Altoadriatiche* Vol. 26 (Udine, 1985) pp. 525-544 illus.

On the basis of a detailed analysis of the hoards and isolated finds, the author reconstructs an inclusive outline of the circulation of the Aquileian emissions in Dalmatia and Illyricum between the 4th and 6th century AD.

(*Andrea Carignani*)

224 GULER, OĞUZ. Erciyes-Kapadokya Sikkeleri (Cappadocian Mount Erciyas Coins). *Antika* Vol. 3 No. 26 (Istanbul, May 1987) pp. 26-32 illus.

The author illustrates and describes examples of rare coins depicting Mount Erciyas in his collection. These are: a silver hemidrachm of Trajan; didrachm of Hadrian; a drachm of Antoninus Pius; 2 bronze sestertii of Septimius Severus (one struck in Caesarea and one in Philadelphia); a bronze sestertius of Caracalla from Caesarea as well as a sestertius with the portrait on both sides (relief on the obverse/intaglio on the reverse); and, a sestertius of Severus Alexander. (*Kenneth MacKenzie*)

225 GUTTMAN, S.Y. and WAGNER, D. Gamla 1984-6. *Hadashot Arch* No. 89 (1987) pp. 4-8. In Hebrew.

Excavation at this site in the Golan yielded 2 more of the newly discovered type of copper coins of the First Jewish Revolt, possibly struck locally. (*Arnold Spaer*)

226 HEESCH, JOHAN VAN. Bronzes romains à âme de fer. *CENB* Vol. 24 No. 3 (July-Sept. 1987) pp. 53-65 illus.

The author discusses ca. 70 coins, which should have been in bronze or orichalcum, but were in fact blanks of iron coated with bronze. (*Paul Naster*)

227 HOLLARD, D. Bronzes de Postume trouvés en Bourgogne. *CahN* Vol. 23 No. 90 (Dec. 1986) pp. 212-215.

A lot of 14 reduced bronzes (workshop II and diverse imitations) from the Auxerre region give evidence of the circulation of bronze in this final period, after 266, in Bourgogne as well as in North Belgium. (*Marc Bompaire*)

- 228** HOLLARD, D. Le trésor de Rouilly-Sacey (Aube). *Trésors monétaires* Vol. 9 (1987) pp. 53-91.

The author discusses 3,598 antoniniani of bad quality (85% imitations) of Valerian to Tetricus and Probus (2 imitations of the Lugdunum type of 277-279). In an appendix is a list of the hoards of the Department of Aube, the distribution of imitations according to the types of the regions and especially the hoards deposited under Probus in Gaul and Britain which distinguish 2 or 3 groups according to the proportion of the coins of Probus in relation to those of Tetricus. There must have been either a homogeneous circulation of bad coins and imitations or a selection of the best old and reformed pieces, which gives evidence of the rarity of silver in circulation during this period.

(Marc Bompaire)

- 229** IVANIŠEVIĆ, VUJADIN. Skupni nalaz rimskog bronzanog novca iz 375/8 godine sa Beogradske tvrđave [The Discovery of Roman Bronze Coins from the Years AD 375/8 from the Belgrade Fortress]. *Numizmatičar* Vol. 9 (1986) pp. 44-59 illus. English summary.

During the archaeological excavations in the Belgrade Fortress 227 examples of Roman bronze coins were found. The greatest concentration of coins was noted in the emissions of Valentinian I, Valens and Gratian, issued by the mint in Siscia or Thessalonica.

(D. Gaj-Čopović)

- 230** JAMES, SIMON. Dura-Europos and the Chronology of Syria in the 250s AD. *Chiron* Vol. 15 (1985) pp. 111-124.

Six hoards from Dura-Europos, which were published by Rostovtzeff as proof for a Persian occupation of Dura in 253 because the last coinage was that of Gallus, nevertheless, could have been deposited after 253. They thus prove that the occupation of Dura did not occur in 253. Between 254 and 256, not 257, the last Roman coinage reached Dura, so that the valid date of the capture of the city would be 255 or 256, based on the evidence provided by the hoards.

(Wolfgang Leschhorn)

- 231** KINDLER, A. Numismatic Remarks on Jewish Minting at the End of the Second Temple Period. I. Half and Quarter and the Monetary Policy During the Last Year of the Jewish War. *Jerusalem in the Second Temple Period; Abraham Schalit Memorial Volume*. A. Oppenheimer, U. Rappaport and M. Stern, Editors. (Jerusalem, Yad Ben Zvi 1980) pp. 271-282.

The author suggests that the 3 bronze denominations of Year 4 of the Jewish War are a dupondius, an as and semis, and states that they were issued as a metal saving device.

(Arnold Spaer)

- 232** KINDLER, A. Numismatic Remarks on Jewish Minting at the End of the Second Temple Period. II. On the Coins of Agrippa II. *Jerusalem in the Second Temple Period; Abraham Schalit Memorial Volume*. A. Oppenheimer, U. Rappaport and M. Stern, Editors. (Jerusalem, Yad Ben Zvi 1980) pp. xvi-xvii.

The coins bearing the portraits of Agrippa I and Agrippa II are discussed. A city

coin of Tiberias of a type similar to earlier issues of Herod Antipas is attributed to Agrippa II and the year AD 53. (Arnold Spaer)

233 KING, C.E. A Small Hoard of Fourth Century Bronze Coins from Egypt. *ZPE* Vol. 66 (1986) pp. 285-291 illus.

In 1932 in the area of Abydos/Egypt a find of 37 well-preserved Roman bronze coins of the 4th century AD was acquired, which today is in the Kelsey Museum, University of Michigan. 36 coins were struck between 320 and 341; 1 obviously was added later between 348 and 360. (Wolfgang Leschhorn)

234 KING, C.E. Fifth century silver coinage in the Western Roman empire: the usurpations in Spain and Gaul. *Mélanges de Numismatique offerts à Pierre Bastien*. (Wetteren, Numismatique romaine 1987) pp. 285-295 illus.

The author discusses the coinage of Maximius Tiranus which was struck in Barcelona.

(Leandre Villaronga)

235 KOLNÍKOVÁ, EVA. Kritický rozbor a klasifikácia nálezov rímskych mincí na Slovensku [Critical Analysis and Classification of Roman Coin Finds in Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 59-97.

According to the extant find material and written records, which refer to finds no longer available, 310 Slovakian sites yielded a total of 4,599 Roman coins. The author gives a statistical survey from various points of view. The most important feature of the article is the analyzed frequency of finds in individual time periods in the 4 Slovakian regions, which differed both economically and ethnically.

(Z. Nemeškalová-Jiroudková)

236 KRASKOVSKÁ, LÚDMILA. Rímske mince v hroboch na Slovensku [Roman Coins Found in Graves in Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 123-129. Russian and German summaries.

Roman coins are rare in graves in the barbarian territory, whereas in the province on the opposite bank of the Danube they are rather common. In spite of the influence exerted by the neighboring Romans on the inhabitants of the left river bank, the custom of laying an obol in the grave was not adopted. Thus, burial practices on both sides of the Danube river differed in the 1st-4th centuries.

(Z. Nemeškalová-Jiroudková)

237 KURZ, KAREL. Vnitřní směna u tzv. barbarských kmenů ve starověku - II. (K charakteru vnitřní směny na území našeho barbarika) [Local Bartering Among the So-called Barbarian Tribes in Ancient Times - II. (The Character of Local Bartering in the Territory of our Barbaricum)]. *SlovNumiz* Vol. 9 (1986) pp. 179-189. Russian and German summaries.

The socio-economic development in Germanic Central Europe of the 1st-4th centuries corresponded to that in Dalmatia, where there is a greater volume of preserved material and written evidence. In this period German society was already finan-

cially differentiated and used foreign currency as a means of exchange with foreign traders. Nevertheless, Roman coins were little used for the purposes of local exchange.
(Z. Nemeškalová-Jiroudková)

238 KUTCHER, R.R. Alexandrian Coinage. *NI* Vol. 21 No. 1 (Jan. 1987) pp. 19-20.

A brief overview of the Roman mint at Alexandria is given. (Joseph Uphoff)

239 LACAM, GUY. Un nummus au monogramme de Ricimer. *Vie num* Vol. 37 (1987) pp. 44-48.

A coin with the monogram of the Suevian General Ricimer and the legend **DNLIBIVS SEVERVS AVG** has been identified. The coin may have been struck for the siege of Rome in 472.
(Paul Naster)

240 LALLEMAND, JACQUELINE. Imitations du IV^e siècle découvertes à Dourbes, province de Namur. *Mélanges de numismatique offerts à Pierre Bastien*. (Wetteren, Numismatique romaine 1987) pp. 241-250 illus.

The late Roman fort located on La Roche à Lomme at Dourbes yielded a huge amount of coins and especially imitations of the 3rd and 4th centuries. 1,205 imitations of coins of the period 330-340, 60 of 340-348 and 114 of 354-358 (**FEL TEMP REPARATIO**, FH) are studied. Hybrid imitations are relatively current inside the first group (15.40%) and imitations linking the first to the second or the third group are quite rare (1.67% and 1.75%, respectively). The conclusions seem to reinforce the theory that 4th century imitations are roughly contemporary to their prototypes. Some die-linked imitations are illustrated.
(Author)

241 LALLEMAND, JACQUELINE. Le trésor de Bras (comm. de Libramont-Chevigny): bronzes et antoniniens de Hadrian à Postume. *Archaeologia Belgica* Vol. 2 (1986) pp. 205-211.

The hoard of Bras (province of Luxembourg, Belgium) was found in 1981 during excavations of the "Service national des Fouilles." It contains 3 bronzes and 105 antoniniani, among which 62 are of Postumus. It was probably formed at the end of 262 and contains 13 coins with reverse type **Moneta aug** (ELMER 336). The hoard, completely known, shows that **Moneta** is definitely earlier than the reverses **Felicitas aug** (ELMER 335) and **Providentia aug** (ELMER 337), which Elmer thought contemporary with it, but which are missing here as well as the coins dated 263. (Author)

242 LAMIOVÁ-SCHMIEDLOVÁ, MÁRIA. K otázke proveniencie mincí z doby rímskej na východnom Slovensku [Concerning the Problem of Origin of Roman Period Coinages in Eastern Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 131-144 illus. Russian and German summaries.

Archaeological finds testify to the fact that eastern Slovakia had contacts in the Roman period primarily with Dacia. In the author's opinion the coins were imported from Italy via Pannonia, together with various kinds of luxury articles.
(Z. Nemeškalová-Jiroudková)

243 LÉMANT, JEAN-PIERRE. Découvertes archéologiques à Sapogne-sur-Marche (Ardennes françaises). *Phys gaumais* Vol. 46-47 (1985-1986) pp. 11-18 illus.

In a living quarter of a Belgo-Roman site 3 bronze coins and 2 folles of the late 3rd and the 4th century were found. Dating from an imitation of Tetricus II to Valens, they are catalogued on p. 16.
(Paul Naster)

244 LIPINSKY, ANGELO. Oro e argento nell'Iliria e nei territori adiacenti e le zecche e i laboratori artistici erariali nel tardo impero. *Aquileia, la Dalmazia e l'Ilirica* Vol. II. *Antichità Altoadriatiche* Vol. 26 (Udine, 1985) pp. 497-524 illus.

An overview of the relations between regions of digging (mines) and of work (mints, workshops) of precious metals in the praefecture of Illyricum is given. In the appendix the author presents a first outline for a catalogue of the jeweler's shops resulting in the region.
(Andrea Carignani)

245 LORiot, X. Deux antoniniens de Carausius au type de la Paix découverts à Sottevast (Manche) et Clairois (Oise). *BSFN* Vol. 42 No. 5 (May 1987) pp. 199-200.

Two hoards mentioned in the old manuscripts are discussed.

(Marc Bompaire)

246 LORiot, X., REMY, B. and BUISSON, A. *Corpus des trésors monétaires antiques de la France. Vol. V. Rhône-Alpes.* I Ain Rhône, Loire, Ardèche. (Paris, 1987) 112 pp.

A list with bibliography and summary description of the hoards (certain, probable or doubted), of significant deposits and finds of isolated Gallic and Roman gold coins for this region is published. There are 149 hoards and 59 isolated gold coins.

(Marc Bompaire)

247 MARTIN, FERENC. Észrevételek a dáciai és a vimináciumi pénzveréssel kapcsolatban [Notes on the Coinage of Dacia and Viminacium]. *AzÉrem* No. 1 (1987) pp. 1-3.

The mint of Viminacium was established in AD 239. In AD 247 Dacia was granted permission to strike coins. The coins of Dacia were probably struck in Viminacium, because there is a coin of Dacia (Pick No. 1) with the same wrong letter and the legend as coin Pick No. 108. The legend reads **PROVINCIA DACIA** instead of **PMS-C-OLVIM**. According to the author, this is a result of the battle of Verona.

(István Gedai)

248 MARTINI, RODOLFO. Cronologia delle emissioni orientali di Marcus Antonius, II. *RIN* Vol. 88 (1986) pp. 37-75 illus.

The author examines the issues of Antony in the East in the period between the treaty of Misenum (Oct. 39 BC) and the expedition against the Parthians (summer

36 BC), inclusive.

(*Andrea Carignani*)

249 MARTINI, RODOLFO. Note per un "sesterzio" di Otho, rinvenuto a Strozza (Bergamo) in Valle Imagna. *Medaglia* Vol. 14 No. 21 (Milan, S. Johnson 1986) pp. 6-32 illus.

The author demonstrates why the sestertius of Otho, found in Valle Imagna near Bergamo, should be considered an imitation by Giovanni Cavino (16th century).

(*Andrea Carignani*)

250 MASSA, M.D. and JOHN, DAVID. Constantino I, sus Monedas y las Sagradas Escrituras. *SocNumMéxico Bol* Vol. 17 No. 129 (Oct.-Dec. 1985) pp. 232-243 illus. English and Spanish.

After a brief introduction, the author describes the incident which happened to Constantine I just prior to the decisive battle at Milvian Bridge when the Christogram formed by the Greek letters Chi and Rho appeared in the sky. Constantine copied this monogram on his shield and triumphed over his enemies. (*Miguel L. Muñoz*)

251 MESHEL, Z. and ROLL, I. A Fort and Inscription from the Time of Diocletian at Yotvata. *Eretz Israel* Vol. 19 (Avi Yonah Vol.) (Jerusalem 1987) pp. 248-265 illus.

Coin finds at this site, ca. 25 miles north of Elath, included issues from Probus to Valentinian.

(*Arnold Spaer*)

252 MICHON, S. Un antoninien d'Otacilia Severa surfrappé sur un denier de Septime Sévère. *BSFN* Vol. 42 No. 4 (April 1987) pp. 177-178.

The coin is apparently the oldest example known of an overstrike of an antoninianus on a denarius, but it may be the work of a forger.

(*Marc Bompaire*)

253 MINAROVIČOVÁ, ELENA. Náčri bádania o rímskych minciach na Slovensku [A Brief Appraisal of the Research of Roman Coins in Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 39-57 illus. Russian and German summaries.

Besides a considerable number of single coin finds, 21 coin hoards are known from Slovakia. More than 1,800 Roman coins, the majority of which date to the 2nd century, are known. The author considers the significance of these finds in connection with the solution of various problems, which relate to the history of Slovakia from the 1st to the 4th century.

(*Z. Nemeškalová-Jiroudková*)

254 MOLINARI, MARIA CRISTINA. Rinvenimento di una "padovana" nello scavo di via del Foro Romano. *Studi Romani* Vol. 34 (1986) pp. 271-274.

The author gives notice of the find in a well on the southwestern slope of the Campidoglio of a coin of the Po Valley attributed to the medallist Giovanni da Cavino (16th century), derived from a sestertius of Galba, struck in the mint of Rome in AD 68.

(*Andrea Carignani*)

255 MÜSELER, WILHELM. Bemerkenswerte und unedierte Cistophoren Hadrians. *NNb* Vol. 36 No. 4 (1987) pp. 86-87 illus.

In Metcalf's book (*ANSNS* 15) a cistophor of Hadrian, which was struck in Mint B in 128 or 129 as a special issue on the occasion of Hadrian's second visit to Asia Minor, was not catalogued. The mint was possibly Nicaea or Nicomedia. A second unique coin is added to Metcalf's Mint D, probably Tralles. (*Wolfgang Leschhorn*)

256 NONY, D. Monnaies ibéro-romaines découvertes en Gironde. *BSFN* Vol. 42 No. 6 (June 1987) pp. 214-215.

The author lists 17 finds, which are analyzed in light of the shortage of bronze in the period from Tiberius to Nero. (*Marc Bompaire*)

257 NORTH, DAN. The Influence of Greek Mythology on Roman Foundation Myths and Their Portrayal on Roman Coins. *MojNum* Vol. 12 (July 1987) pp. 42-49 illus.

The author selected collector-available coins to illustrate the absorption and adaptation of Greek mythology by the Romans to explain the legendary founding of Rome. Various personifications of Romanized gods, goddesses and heroes are discussed. (*Michael G. Pfeifferkorn*)

258 OVERBECK, BERNHARD. Die Fundmünzen. *Die spätromische Befestigung Sponeck am Kaiserstuhl*. Edited by R.M. Swoboda. *Münchner Beiträge zur Vor- und Frühgeschichte* Vol. 36 (1986) pp. 99-105.

A list of 38 *aes* coins discovered in this late Roman fortification is given, including a commentary on some of the coins, coin circulation and history of the site. Roman money circulation must have ceased here in the last quarter of the 4th century AD. (*Author*)

259 OVERBECK, BERNHARD. Eine Reitersturz-Siliqua mit Trierer Münzstättenzeichen. *Mélanges de numismatiques offerts à Pierre Bastien*. (Wetteren, Numismatique romaine 1987) pp. 251-253 illus.

This light weight siliqua of Constantius II, found at Burghöfe, Gemeinde Mering, Landkreis Dillingen in Bavaria, has the mintmark of Trier. A rather fine style combined with a blundered obverse and reverse legend as well as the unusual reverse motif of the "falling horseman" *aes* type lead to the conclusion that this coin did not originate in the regular mint of Trier, but in a western auxiliary mint. This unusual coin must have been struck ca. AD 354/60. (*Author*)

260 OVERBECK, BERNHARD. Münzfunde aus der römischen Villa von Königsbrunn, Landkreis Augsburg. *Forschungen zur Provinzialrömischen Archäologie in Bayerisch Schwaben*. (Augsburg, 1985) pp. 281-300 illus.

Excavations at the Roman villa rustica of Königsbrunn yielded some smaller hoards and stray finds, mainly from the middle and the second half of the 4th century AD. Not less than 95 coins come from the same room of this villa. The author concludes that this site may have been looted several times and destroyed by Germanic raids

into the Roman province of Raetia. There are at least three hoards of small aes change from the middle and the second half of the 4th century, which can be separated from the mass of stray finds. (Author)

261 OVERBECK, BERNHARD. Münzfunde aus der Villa von Königsbrunn. *Die Römer in Schwaben, Jubiläumsausstellung 2000 Jahre Augsburg. Arbeitsheft 27 des Bayerischen Landesamts für Denkmalpflege.* (Munich, 1985) pp. 277-283 illus.

A selection of coins, mainly small change from the second half of the 4th century AD, all coming from small hoards or stray finds inside the villa rustica of Königsbrunn, is described and connected with the historical events of that time in Raetia, mainly with the raids of Germanic tribes. For a more detailed study, see NL 119-260.

(Author)

262 OVERBECK, BERNHARD. *Rom und die Germanen, das Zeugnis der Münzen.* (Stuttgart, 1985) 72 pp. illus.

This exhibition catalogue concerning the mostly military interactions between the Roman Empire and the neighboring German tribes contains 5 chapters. Chapter 1 gives examples of coins showing designs which refer to the army and, thus, how Roman coin propaganda worked and what it was supposed to achieve. Chapter 2 gives examples of "barbarians" other than Germans on coins. Chapter 3 then deals with the representations, mainly on the reverse of the coins, referring to the Germans or Romano-Germanic wars. Chapter 4 is an introduction to Roman numismatics; chapter 5 is a short selected bibliography. By the use of this topic, the catalogue tries to show how Roman numismatics can contribute to our knowledge of ancient history and illustrate what is known by written history. (Author)

263 OVERBECK, BERNHARD. *Römische Fundmünzen in und um Miltenberg.* (Miltenberg, Museum der Stadt Miltenberg 1987) 36 pp. illus.

After a short introduction concerning the monetary history of the Roman Empire, the coins from the two Roman auxiliary camps of Miltenberg and those from sites nearby are listed and described. A separate chapter deals with Roman money circulation in and around Miltenberg, which then belonged to the Roman province of Germania Superior. (Author)

264 OVERBECK, BERNHARD. Spätromische Silbermünzen von Burghöfe, Gemeinde Mertingen, Landkreis Dillingen, Schwaben. *Das Archäologische Jahr in Bayern 1984.* (Stuttgart, 1985) pp. 123-124 illus.

One light weight siliqua of Constantius II of a type hitherto unknown, bearing the mintmark of Trier, is published. The reverse shows the typical "falling horseman" depiction of the **FEL TEMP REPARATIO** type, well known from the *aes* coinage, although here with some engraver's errors in the legend. This coin certainly can be dated to the later part of the reign of Constantius II. For a more detailed study, see NL 119-259. A second piece is a light weight siliqua of Magnus Maximus from the mint of Aquileia. Both coins come from a site which held a Roman vicus and an auxiliary camp. (Author)

265 OVERBECK, BERNHARD and OVERBECK, MECHTILD. Zur Datierung und Interpretation der spätantiken Goldbarren aus Siebenbürgen anhand eines unpublizierten Fundes von Feldioara. *Chiron* Vol. 15 (1985) pp. 199-210 illus.

The authors publish a hitherto unknown gold ingot from Feldioara (Romania). Discussion has always revolved around the chronology of this rare Roman group of ingots, which show (1) a rectangular stamp with the bust of 3 emperors; (2) the name of an official; and (3) the indication of the fabric. The name of the magistrate on the published ingot, which was cast in the workshop of Naissus, also appears on an ingot produced in Thessalonica, although in a different orthography. This suggests that these ingots were issued in the brief span of AD 379/80 when Theodosius I was in charge not only of the East, but also the border provinces of Thrace and parts of Illyricum in order to fight the Goths. In some way these ingots may have to be connected with this Gothic war. *(Bernhard Overbeck)*

266 PIETA, KAROL. K Nálezom rímskych mincí na severnom Slovensku [On the Roman Coin Finds in Northern Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 145-155. Russian and German summaries.

In northern Slovakia, where there are very intensive archaeological excavations, 44 Roman coins as single finds and 58 coins from 4 coin hoards were discovered. The author discusses the problems which arose from the numismatic and archaeological evidence. The author concentrates on the Roman Republican denarii, because of their mass hoarding in this area in the first 3 decades of the 1st century AD. *(Z. Nemeškalová-Jiroudková)*

267 PLUMIER, J. Tourinnes-Saint-Lambert. Matériel archéologique du cimetière et du vicus gallo-romains. *Wavriensia* Vol. 35 No. 4 (1986) pp. 112-126 illus.

Within the commentary and catalogue of the archaeological objects of the site in Brabant, Belgium, is included a list of 10 bronze coins, ranging from the Flavians to Commodus, pp. 120-122. *(Paul Naster)*

268 POPOVIĆ, VLADISLAV. Novi nalazi rimskog novca iz Caričinog Grada [New Roman Coins of Tsaritchin Grad]. *Numizmatičar* Vol. 8 (1985) pp. 45-48. French summary.

The author publishes 11 Roman coins found in the course of excavations conducted between 1980 and 1984. Two belong to Hadrian, 1 to Faustina, 1 to Philip I (issued at Viminacium), 5 date to the 4th century, and 2 are minimi of the 5th century. These coins, which come from protobyzantine levels, confirm the author's theory that Tsaritchin Grad did not exist in the Roman period. Examined as a group, the examples published by the author show clearly that in Illyricum, Roman coins were still used in the 6th and the beginning of the 7th century. *(D. Gaj-Popović)*

269 RAJTÁR, JÁN. Výskyt mincí v rímskych stavebných objektoch na Slovensku [The Occurrence of Coin Finds in Roman Building Structures in Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 99-121 illus. Russian and German summaries.

The author deals with 6 building complexes which the Roman army built in the

territory of present-day Slovakia. He evaluates the coin finds which archaeological excavations yielded in the areas of these structures.

(Z. Nemeškalová-Jiroudková)

270 REMY, B. and FOURNIER, P.-F. Dépôt d'antoniniens vendu à Lyon en 1941. *Trésors monétaires* Vol. 9 (1987) pp. 47-52.

The authors describe this lot of 126 antoniniani of Valerian and Gallienus, to which they add 1 coin of Claudius (269) and 3 of Postumus from Mediolanum.

(Marc Bompaire)

271 REMY, B. Le trésor de Saint-Germain-Laprade (Haute-Loire). *Cahiers de la Haute-Loire, revue d'études locales*. (L'Association des Cahiers de la Haute-Loire, Archives départementales, Le Puy 1986) pp. 51-81.

Although scattered throughout the collections, 716 of 800 coins discovered in 1835 are in the Musée du Puy. A hand-written inventory of 1860 describes 490 folles, dating to 310-313, coming especially from Lugdunum, Trier and the continental workshop.

(Marc Bompaire)

272 REMY, B. Les découvertes de monnaies romaines dans le caton de Saint-Galmier (Loire). *Hommage au père Jean Granger (1902-1985)*. (Saint-Etienne, 1986) pp. 62-68.

On this Roman site only 14 coins of the 2nd-4th centuries and a hoard of 182 bronzes of the Tetrarchy were found.

(Marc Bompaire)

273 REMY, B. Les monnaies d'or romaines du département de l'Ardèche. *RevVivaraïs* Vol. 89 (1985) pp. 267-270.

Six discoveries of Nero, Nerva, Antoninus, Postumus and Majorian as well as a mention of a hoard of 14 Roman gold coins, without detail, are published.

(Marc Bompaire)

274 REMY, B. Trouvailles de monnaies romaines à Feurs (VIII). La collection J. Gorce. *Bulletin de la Diana*. Vol. 50 No. 1 (Montbrison, Musée de la Diana 1987) pp. 47-56.

The author describes 20 coins, dating from Augustus to Constantine (315), possibly of local origin (?), among which are 1 *as* of Caesaraugusta, 1 *as* of Nero countermarked by Vindex and 1 plated silver denarius.

(Marc Bompaire)

275 REMY, B. Une monnaie d'or de Gordien III au musée de Roanne (Loire). *BSFN* Vol. 42 No. 4 (April 1987) p. 189.

The author discusses a Roman aureus, dated AD 238, (*RIC* 11), found at Mably (Loire) in 1869. Another comparable coin, found in the area, is thought to be part of a hoard of gold coins.

(Marc Bompaire)

276 ROBINSON, PAUL. The Bishopstrow Find of Roman Coins. *Wiltshire*

ArchMag Vol. 81 (1987) pp. 130-132.

Documentary sources for a very large late 3rd century AD hoard found at Bishopstrow, near Warminster, Wilts., ca. 1792, are discussed. (*Edward Besly*)

277 SABETTA, LUIGI. Alberello e punta di lancia nei segni distintivi della zecca di Arelate. *RIN* Vol. 83 (1981) pp. 105-110 illus.

The mint of Arelate distinguished with different symbols the successive issues of reduced folles of the **GLORIA EXERCITVS**, **VRBS ROMA** and **CONSTANTINOPOLIS** types. The series with the symbol interpreted either as a spearhead or as a small tree was always considered unique. The author identifies the 2 symbols as different and puts the first symbol in the first half of 335 and the second in the second half of the year. (*Sara Sorda*)

278 SABETTA, LUIGI. Constantinopolis e Urbs Roma. *RIN* Vol. 83 (1981) pp. 87-104.

In a contribution to *RIC VII*, the author examines the reduced folles struck after 330 as propaganda in praise of Rome, the old capital, and Constantinople, the new one. (*Ada Gabucci*)

279 SABETTA, LUIGI. Continuazione dei contributi al volume VII del Roman Imperial Coinage. *RIN* Vol. 88 (1986) pp. 89-103 illus.

As a further addition to *RIC*, the author publishes ca. 20 bronze coins, issued in the principal mints of the Empire, between AD 317 and 336. (*Andrea Carignani*)

280 SALZMANN, DIETER. Cn. Pompeius Theophanes. Ein Benennungsvorschlag zu einem Porträt in Mytilene. *MDAI(R)* Vol. 92 (1985) pp. 245-260 illus.

On the basis of a marble portrait in the museum at Mytilene, a corpus of the coinage is published. Mytilene struck coinage for Theophanes and his wife Archedamis in the Augustan age as well as after the death of Theophanes. (*Wolfgang Leschhorn*)

281 SCHLÜTER, GÜNTHER. Die Wölfin mit den Zwillingen auf den Münzen Roms und der Provinzen vom 3. Jh. v.Chr. bis zum 4. Jh. n.Chr. *NNb* Vol. 36 No. 5 (1987) pp. 116-122 illus.

The author interprets the coinage of the Roman Republic and Empire with the type of the she-wolf with twins. The type was used to promulgate piety and duty toward tradition. On the Imperial coinage of Asia Minor the she-wolf with the twins was depicted as a symbol of Roman colonization of veterans, which manifested *Ius Italicum* and Roman Imperial thought. (*Wolfgang Leschhorn*)

282 SCHMITT, L. Imitation énigmatique de Magnence. *BSFN* Vol. 42 No. 5 (May 1987) pp. 198-199.

An imitation of very good style of a coin of Lugdunum (Bastien 174), but with an inverted mark, is published. (*Marc Bompaire*)

283 SCHULZKI, HEINZ-JOACHIM. Bemerkungen zu den VICTORIAE LAETAE-Prägungen der constantinischen Zeit. *NNb* Vol. 36 No. 1 (1987) pp. 5-6 illus.

The author publishes a coin of Constantine II of the **VICTORIAE LAETAE** type, found in Bonn. The coins of this type were struck between 317 and 320 in the name of Constantine I and his sons Crispus and Constantine II with an increased silver content and, for this reason, were often imitated. *(Wolfgang Leschhorn)*

284 SENSI, LUIGI. *Ville e insediamenti rustici di età romana in Umbria.* (Perugia, Editrice Umbria Cooperativa 1983) pp. 109-118.

A find of 15 coins, of which only 3 are legible, was uncovered in a villa in the environs of Spello (Perugia). The examples may be dated from Agrippa to Theodosius. *(Ada Gabucci)*

285 ŠIPUŠ, NIKOLA. Brončani novci kovnice Siscija u razdoblju od 364. do 378. godine i njihov opticaj u Posavlju [Bronze Coins from the Mint in Siscia from the Years 364 to 378 and Their Circulation in the Sava Valley Region]. *Numizmatičar* Vol. 8 (1985) pp. 49-62 illus. English translation.

The mints of the Roman Empire produced only two types of bronze coins during the reigns of Valentinian I, Valens, Gratian and Valentinian II bearing on their reverses the inscriptions **GLORIA ROMANORVM** and **SECVRITAS REIPVBLICAE**. A novelty is to be observed in the form of special serial marks on the reverse, impressed by the mint alongside the usual mint marks. Such marks, the definite number of which is unknown to this day, are found primarily on coins produced at the mint in Siscia. To these marks (a total of 47) the author adds one more.

(D. Gaj-Popović)

286 TARRADELL-FONT, N. Notícia del tresor d'Asos Romans Republicans de Torelló d'En Cintes (Maó, Menorca). *Fonaments* Vol. 3 (Barcelona, Curial 1982) pp. 201-208.

The author publishes a hoard comprising 379 Roman Republican asses, 1 semis (*Cr.* 296/2), a coin of Obulco, and others of Untikesken and Populonia. The hoard was deposited ca. 111 BC. *(Leandre Villaronga)*

287 THIRY, JEAN-CLAUDE. Deux antoniniens inédits de Gallien frappés à Siscia. *CENB* Vol. 24 No. 2 (April-June 1987) pp. 29-33 illus.

Two unpublished antoniniani of Gallienus, with Providentia on the reverse, are discussed within the series of known coins from the mint of Siscia. *(Paul Naster)*

288 TODD, MALCOLM. The Falkirk hoard of denarii: trade or subsidy? *ProcSocAntiqScotland* Vol. 115 (1985) pp. 229-232.

The Falkirk hoard of Roman silver coins may represent payments to a barbarian leader or dynasty in return for the maintenance of peace and order north of the Antonine Wall in the period ca. AD 160-230. *(Author)*

289 TOMEI, MARIA ANTONIETTA. *Ville e insediamenti rustici di età romana in Umbria*. (Perugia, Editrice Umbria Cooperative 1983) pp. 199-217.

A find of 3 coins (Augustus, Antoninus Pius and Domitian) in a Roman villa near Lugnano in Teverina (Terni) is published. (Ada Gabucci)

290 VAN ARSDELL, R.D. The Coinage of Queen Boudicca. *NCirc* Vol. 95 No. 5 (June 1987) pp. 150-151 illus.

The author uses hoard, statistical and technical evidence to attribute the Icenian silver unit (Mack 413) to Queen Boudicca's rebellion of AD 61. (Edward Besly)

291 VIDAL BARDAN, J.M.A. Tesorillo de bronce hispano-latinos hallado en Segobriga (Cuenca). *ActaNum* Vol. 16 (1986) pp. 73-77.

The hoard confirms that the Imperial emissions with the legend **SEGOBRIGA** should be attributed to Cabeza de Griego (Cuenca). (Leandre Villaronga)

292 VISMARA, NOVELLA. Une contromarca figurata inedita su un sesterzio di Traiano. *NotChiostroMonMagg* Vol. 27-28 (1986, publ. 1987) pp. 7-17 illus.

After an full statement concerning the phenomenon of the countermark on Roman coinage, the author examines the addition of a hand on the obverse of a sestertius of Trajan from a hoard, which is kept near the Civiche Raccolte Numismatiche di Milano. The example, on the basis of comparative evidence, refers to a military re-coinage. (Andrea Carignani)

293 WENNING, ROBERT. Die Stadtgöttin von Caesarea Maritima. *Boreas* Vol. 9 (1986) pp. 113-129 illus.

On the basis of the discovery of the statue of the city goddess of Caesarea Maritima, the coinage of the city with the representation of the goddess may now be treated. The type originated in AD 67/8 and was derived from the representation of Roma Victrix and Virtus. The change in the representation of the city goddess and the dissemination of the type appeared on the coinage of the 1st-3rd centuries AD. (Wolfgang Leschhorn)

294 WHETSTONE, WILLIAM B. The Saeculares Coinage Struck to Commemorate the Completion of Rome's First Millenium. *SAN* Vol. 17 No. 2 (June 1987) pp. 24-29 illus.

The year AD 248 was the high point of the reign of the Emperor Philip the Arab due to the celebration of the 1000th anniversary of the founding of Rome. The major events were ceremonies and games of the Ludi Saeculares, which were commemorated by the striking of an extensive series of coins bearing on the reverse the words *saeculares* or *saeculum*. This article is a brief introduction to the centennial celebrations known as the Ludi Saeculares. The coins belonging to this issue are catalogued. (Vic Kozik)

295 ZEDELIOUS, VOLKER. Marius als Victorinus. Probleme der Geldversorgung der "Gallischen Kaiser." *Berichte aus der Arbeit des Museums.* (Bonn, Das Rheinische Landesmuseum 1987) pp. 18-19 illus.

The author publishes a coin of Victorinus with the portrait of Marius. A second coin of Victorinus was struck with a countermark of Marius on the obverse, with the portrait reengraved to that of Marius. (Wolfgang Leschhorn)

296 ZEDELIOUS, VOLKER. MARS ULTOR. Ein anonymes Denar aus des CVT in Xanten. *Berichte aus der Arbeit des Museums.* (Bonn, Das Rheinische Landesmuseum 1986) pp. 8-9 illus.

The author publishes an anonymous denarius of the Civil War, AD 68/9, of the type Mars Ultor/eagle on altar between 2 standards, which found near a grave in Xanten. (Wolfgang Leschhorn)

297 ZOZULÁKOVÁ, KATARÍNA. Hromadný nález rímských mincí z Krivoštian (dnes Strážske), okres Michalovce [A Coin Hoard of Roman Coins from Krivoštian (the Present-day Strážske), Dist. of Michalovce]. *SlovNumiz* Vol. 9 (1986) pp. 230-245 illus. Russian and German summaries.

The hoard, comprising 125 Roman bronze coins, was buried at the end of the 4th century. Only 74 coins dating to the 3rd-4th century could be classified. (Z. Nemeškalová-Jiroudková)

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 8, 10, 13, 22, 34.

Greek, Nos. 65, 67, 68, 79, 80, 82, 85, 86, 87, 88, 100, 101, 103, 105, 107, 108, 111, 113, 123, 127, 132, 133, 146.

Celtic, No. 150.

Iberian, No. 170.

Byzantine, Nos. 318, 326, 327.

Medals, No. 861.

BYZANTINE

298 ARSLAN, ERMANNIO A. Il ripostiglio di Braone. *La Valcamonica romana. Ricerche e studi.* (Brescia, del Moretto 1987) pp. 202-209 illus.

The author publishes new gold solidi from a hoard discovered in 1956 and then dispersed. The coins presented are: 4 of Leo (457-474); 2 of Zeno (474-491); 3 of Anastasius (491-518). The peculiarity of the composition of the group (the most numerous, most ancient pieces) induced the author to be cautious regarding the date of the interment, which he proposes to fall generally in the period after the death of Theodoric. (Andrea Carignani)

299 BENDALL, S. A new coin of Matthew Asen Cantacuzenas. *NCirc*

Vol. 95 No. 2 (March 1987) p. 40 illus.

300 BENDALL, S. A Re-engraved Light-weight solidus die of Focas. *NCirc* Vol. 95 No. 5 (June 1987) p. 149 illus.

301 BENDALL, S. Four Byzantine Notes. *NCirc* Vol. 95 No. 1 (Feb. 1987) pp. 3-4 illus.

The author discusses: (1) 3 Byzantine non-forgeries (cf. *NCirc* 1966, p. 242); (2) a Palaeologan double striking; (3) a new Arab-Byzantine mint ?; and, (4) a Nicaean overstrike.
(Edward Besly)

302 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 15. *NI* Vol. 20 No. 7 (July 1986) pp. 160-161 illus.

The author discusses the history and coinage of Tiberius III (698-705).
(Joseph Uphoff)

303 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 16. *NI* Vol. 20 No. 8 (Aug. 1986) pp. 187-188 illus.

The history and coinage of the second reign of Justinian II (705-711) is presented.
(Joseph Uphoff)

304 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 17. *NI* Vol. 20 No. 9 (Sept. 1986) pp. 206-207 illus.

The history and coinage of Philippicus (711-713) is presented. (Joseph Uphoff)

305 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 18. *NI* Vol. 20 No. 10 (Oct. 1986) pp. 229-230 illus.

The history and coinage of Anastasius II (713-715) is presented. (Joseph Uphoff)

306 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 19. *NI* Vol. 20 No. 11 (Nov. 1986) pp. 252-253 illus.

The history and coinage of Theodosius III (716-717) is presented.
(Joseph Uphoff)

307 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 20. *NI* Vol. 20 No. 12 (Dec. 1986) pp. 280-282 illus.

The history and coinage of Leo III (717-741) is presented. (Joseph Uphoff)

308 CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 21. *NI* Vol. 21 No. 1 (Jan. 1987) pp. 17-18 illus.

The history and coinage of Artavasdus (742-743) is presented. (Joseph Uphoff)

- 309** CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 22. *NI* Vol. 21 No. 2 (Feb. 1987) pp. 29-32 illus.

The author discusses the history and coinage of Constantine V (741-775).

(Joseph Uphoff)

- 310** CAMPBELL, I.G.C. An Introduction to Byzantine Coins, No. 23. *NI* Vol. 21 No. 3 (March 1987) pp. 54-55 illus.

The history and coinage of Leo IV (775-780) is presented.

(Joseph Uphoff)

- 311** CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 24a. *NI* Vol. 21 No. 4 (April 1987) pp. 86-87 illus.

The history and coinage of the joint reign of Constantine VI and Irene (790-797) is presented.

(Joseph Uphoff)

- 312** CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 24b. *NI* Vol. 21 No. 5 (May 1987) pp. 115-116 illus.

The author discusses the history and coinage of Irene (797-802).

(Joseph Uphoff)

- 313** CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 25. *NI* Vol. 21 No. 6 (June 1987) pp. 143-145 illus.

The history and coinage of Nicephorus I (802-811) is presented.

(Joseph Uphoff)

- 314** CAMPBELL, I.G.C. An Introduction to Byzantine Coinage, No. 26. *NI* Vol. 21 No. 7 (July 1987) pp. 163-164 illus.

The history and coinage of Michael I (811-813) is presented.

(Joseph Uphoff)

- 315** CERVIN, DAVID R. Collecting Regnally-Dated Byzantine Coins. *CW, World Coins Supplement* (May 1987) pp. 3-49 illus.

- 316** CRNOBRNJA, NIKOLA A. Ostava vizantijskog novca iz Podgorca, SR, Srbija [The Hoard of Concave Byzantine Coins from Podgorac, Serbia]. *Numizmatičar* Vol. 9 (1986) pp. 60-63 illus. French summary.

The hoard comprises 109 coins struck by the Emperors Manuel I Comnenus (69), Andronicus I Comnenus (15) and Isaac II Angelus (25). The hoard was probably deposited at the time of Frederick Barbarossa in 1189.

(D. Gaj-Bojović)

- 317** GROMOTKA, GÜNTHER. Zum Problem der barbarisierten Folles in der frühbyzantinischen Epoche. *MNZ* Vol. 12 (1982) pp. 27-28 illus.

Two Syrian folles of Anastasius I and Justinian I of barbarous style are discussed. The author concludes that they must have been made as imitations in Syria soon after the originals appeared due to their style, weight and findspot. It is possible that

many of the barbarian Syrian folles, dating to the early Byzantine period, were struck because of trade necessities. (Author)

318 ILAN, Z. and DAMATI, E. Notes and News—Excavations—Kh. Marus (Merot) 1985-1986. *INJ* Vol. 37 No. 1 (1987) pp. 54-57.

In the "treasury" of a synagogue excavated at this east Galilean site were found 485 coins, which included 245 Byzantine gold issues from Anastasius I to the end of the 8th century AD. The copper issues include coins of Alexander Jannaeus, Constantine the Great and his family as well as Byzantine pieces from Anastasius to Heraclius, an 'Abbāsid coin and an Ayyubid coin, dated AD 1194. This is an English version of *NL* 117-26. (Arnold Spaer)

319 LAFAURIE, J. Supplément à la liste des découvertes de monnaies des Ve-VIIIe s. en Gironde. *BSFN* Vol. 42 No. 6 (June 1987) pp. 227-228.

The author discusses the discovery of an *argenteus* of Constantine III (?), a *tremissis* of Zeno as well as bronze Byzantine coins and gold Merovingian coins. (Marc Bompaire)

320 MIRNIK, IVAN. Molibdobula cara Konstantina IX Monomaha [Lead Seal of Constantine IX Monomachus]. *Numizmatičar* Vol. 9 (1986) pp. 66-68 illus.

In the numismatic collection of the Archaeological Museum in Zagreb there is a lead *bullā* of Emperor Constantine IX Monomachus, which portrays the bust of Christ on the obverse and half-length figure of Constantine IX on the reverse. (D. Gaj-Bošković)

321 O'HARA, MICHAEL D. Un ritrovamento che ha cambiato la Storia papale. Trans. into Italian by I. Vecchi and E. Manfredini. *La Numismatica* Vol. 18 No. 5 (May 1987) pp. 113-116 illus.

See *NL* 115-301 and *NL* 118-356, 357, 358, 359, 360.

322 PENTCHEV, VLADIMIR. Contribution sur l'histoire de Drastar au XIIIe s. (D'après les données numismatiques). *Numizmatika* Vol. 21 No. 2 (1987) pp. 26-30. In Bulgarian; French summary.

The author publishes a hoard of scyphates of the 13th century, found during the archaeological excavations at Silistra. The most recent coin in the hoard is an example of small weight of Jean Comnenus Doukas, Series 3, Type A. Coming from a burned habitation, this hoard was deposited during a tragic episode in the history of medieval Drastar. From the written sources it is known that in 1242 this flourishing city was burned and devastated by the Tartars. (Jordanka Youroukova)

323 RAEDER, JOACHIM. *Die byzantinischen Münzen im Kestner-Museum Hannover. Kestner-Museum Hannover Sammlungskatalog 4.* (Hannover, Kestner Museum 1987) 170 pp. illus. ISBN 3-924029-08-3.

Following a general introduction to Byzantine coinage, the collection of 319 Byzantine, 31 Ostrogothic and 2 Vandalic coins of the Kestner Museum in Hannover is published, including a description, weight and citation. Some of the coins are illustrated; some in color.
(*Peter Ilisch*)

324 TZOTCHEV, MARCO. Molybдобulle de l'empereur latin de Constantinople Henri, découvert lors des fouilles de Tzarevetz. *Numizmatika* Vol. 21 No. 3 (1987) pp. 24-25 illus. In Bulgarian; French summary.

During the excavations of Tzarevetz at Veliko Tarnovo, capital of the second Bulgarian kingdom, a lead seal of Henry, the Roman emperor of Constantinople, was discovered. In all likelihood, the correspondence fixed by this seal was sent to Tirnovo between 1213-1216. The seal is a known type (Zacos, *Byzantine Lead Seals*, Vol. I, Part 1, pp. 102-103).
(*Jordanka Youroukova*)

325 VAN ARSDELL, R.D. The Silver Coins of Commius—A New Variety. *NCirc* Vol. 95 No. 2 (March 1987) p. 42 illus.

326 YANNOPOULOS, P.A. De l'antiquité à l'ère byzantine. Les mutations monétaires. *EtClass* Vol. 55 (1987) pp. 328-331 illus.

The most significant aspects of the transition of late Roman to Byzantine coinage are emphasized.
(*Paul Naster*)

327 YANNOPOULOS, P.A. La réforme de la monnaie de bronze sous Constantin IV à la lumière d'un "follis" contremarqué de Constant II. *RBN* Vol. 133 (1987) pp. 97-102.

A follis of Constans II, 4.34 g, was reused after punching the monogram of Constantine IV on the obverse and X (equals 10) on the reverse. The value was thus lowered to a quarter of a follis. After his reform, the follis of Constantine IV had to weigh ca. 17 g.
(*Paul Naster*)

For additional references to Byzantine numismatics, see the following abstracts:

General, No. 13.

Roman, No. 185.

Western and Central Europe, No 648.

ANCIENT NEAR EAST

328 WEST, VINCENT. A New Variety of King Ouazebas of Aksum. *NCirc* Vol. 95 No. 2 (March 1987) p. 39 illus.

NEAR AND MIDDLE EAST MEDIEVAL AND MODERN

329 ALEXANDER, DAVID T. Israel: Coins of the Old-New Land. *CW, World Coins Supplement* (June 1987) pp. 3-49 illus.

Coins, paper money and medals of the state of Israel from 1948 onwards are described and discussed. (Candace Carter)

330 ARDA, T. SENO. Sultan Mehmed Reşad Dönemi Kostantaniye Baskili Paralarda iki İlginç Kalip Hatasi [Two Interesting Die Errors on Sultan Mehmed Reşad Issue of Kostantaniye Mint]. *BültenTurkNumSoc* Vol. 22 (1987) pp. 29-30.

331 AYKUT, NEZIHI. Osmanlı İmparatorluğunda Sikke Tecdidleri [Coin Value Renovations in the Ottoman Empire]. *Edebiyat Fakültesi Matbasi, Tarih Enstitüsü Dergisi* Vol. 13 (1983-1987) pp. 257-297.

The writer has thoroughly studied the weights and carats of all akçe minted between Murad I and Beyazid II and the value variations according to various devaluations and revaluations. 15 tables of these coins list the mints and weights. (Ömer Diler)

332 BOFARULL, A. Una dobla del rei de Granada Mohamed I. ibn Yusuf, 630-672 A.H. (1237-1273 A.D.). *ActaNum* Vol. 16 (1986) pp. 141-142 illus.

333 CANTO GARCIA, A. Perforations in coins of the Andalusian Umayyad Caliphate: a form of demonetization? *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 345-360.

The author establishes precise chronological data by the marks which appear abundantly on perforated coins. (Leandre Villaronga)

334 CHALMETA, F. El dirham arba'ini, duhl, qurtubi, andalusi: su valor. *ActaNum* Vol. 16 (1986) pp. 113-126.

This historical study includes an analysis of the texts. (Leandre Villaronga)

335 DAMATI, E. Safed. *Hadashot Arch* No. 89 (1987) p. 17. In Hebrew.

A Turkish silver coin, dated 1223 H, was found during excavations in the citadel. (Arnold Spaer)

336 DE MEY, J.R. La numismatique arabo-ibérique. *Vie num* Vol. 37

(1987) pp. 118-122, 147-152 and 187-195 illus.

A short introduction to the Arabic coinages in Spain, including lists of all emirs and kings, is published. (Paul Naster)

337 DILER, ÖMER. Ahmed I ve Ahmed III'e Ait İki Tunusa Akçesi [Two Tunisian Akçes, Issued by Ahmed I and Ahmed III, Respectively]. *Bülten-TürkNumSoc* Vol. 22 (1987) pp. 27-28 illus.

Two square akçes with very clear dates, minted in Tunis, are discussed. (Ö. Diler)

338 DRUART, JACQUES. Les monnaies ottomanes. *Vie num* Vol. 36 (1986) pp. 155-165 illus.

This article is an introduction to Ottoman numismatics. (Paul Naster)

339 DRUART, JACQUES. Les origines de la tughra ottomane. *Vie num* Vol. 37 (1987) pp. 75-77 illus.

Although used in manuscripts for more than 2 centuries, the tughra, a Turkish invention, was not used on coins until 776 H (AD 1274). The tughra was abolished in 1922. (Paul Naster)

340 DRUART, JACQUES. Les 36 sultans ottomans, leurs monnaies et leurs tughras. *Vie num* Vol. 36 (1986) pp. 191-194 illus.

The coins of 5 sultans (699-824 H; AD 1299-1421) and the coins of the sons of some of them are briefly discussed. (Paul Naster)

341 FONTENLA, S. El dirhem de doble orla atribuido a la Taifa de Almeria. *GacNum* Vol. 85 (1987) pp. 15-17 illus.

342 HEBERT, R.J. Abjad and the Basmala. *NI* Vol. 20 No. 7 (July 1986) pp. 162-165 illus.

A list of Arabic letters and their corresponding numeric values is given. Examples are shown. (Joseph Uphoff)

343 HEBERT, RAYMOND J. Note on Two 13th Century Isfahan Bronzes. *NI* Vol. 20 No. 10 (Oct. 1986) pp. 231-233 illus.

Coins from Eşfahān, minted ca. AD 1230, are presented. (Joseph Uphoff)

344 HOVÉN, BENGT E. Frikostiga gåvor från Svennsons Stiftelse [Generous Gifts from the Svensson Foundation]. *SNT* No. 4/5 (1987) pp. 148-152 illus.

The author presents 11 Islamic gold coins struck for the 'Abbāsids, Almoravids, Fātimids, Sāmānids, Simjūnids, Buwaghids, Ghazarawids and Grand Moguls, which were donated to the Royal Coin Cabinet, Stockholm. (Author)

- 345** ILAN, Z. and DAMATI, E. Merot—Autumn 1986. *Hadashot Arch* No. 89 (1987) pp. 14-17. In Hebrew.

An Umayyad coin of the early 8th century AD was found during excavations at this Golan site.
(Arnold Spaer)

- 346** ILISCH, LUTZ. Beiträge zur mamlukischen Numismatik V: Inedita des Abbasidenkalifen al-Musta'in bi'llāh aus syrischen Münzstätten. *MNZ* Vol. 12 (1982) pp. 39-41 illus.

The author publishes 3 hitherto unpublished coins from Syrian mints of the 'Abbasid caliph Abu'l-Faql al'Abbās al-Musta'in billāh, who was made sultan by the Mamluks in 815 H and was forced to abdicate ca. 6 months later. In spite of his abdication he continued to be recognized as a sultan in Syria until 817 H. A monetary reform carried out in his name is briefly discussed by Nawruz al-Hafizi. Armorial representations on the Syrian coins are identified as references to Nawruz al-Hafizi.
(Author)

- 347** IVANIŠEVIĆ, VUJADIN. Ostave turskog novca sa Beogradske tvrđave [Finds of Turkish Coins from the Fortress of Belgrade]. *Godišnjak Grada Beograda* Vol. 30 (Belgrade, 1983) pp. 27-37 illus. German summary.

Two finds from excavations in the Kalemegdan Fortress in 1974 and 1980 are examined. The first, apparently buried ca. 1690-92, consisted of 181 copper mangurs: 138 of Saray, 1100 H; 32 of Constantinople, 1099 H; 1 of Bosna, 1099 H; and 10 unidentified. The pieces are distinguished by type, when possible, and by weight. The second find was a notably homogeneous group of 334 gold Rumi Altini, apparently buried 1820-21. The coins, from the 11th and 12th years of the reign of Mahmud II, are distinguished by year and type: 5 examples of 1 type of year 11; 2 pieces of 2 types of year 12; and 322 pieces of 3 types of year 13.
(Charles B. Smith, Jr.)

- 348** JONES, JEREMY. I titoli arabi dei sovrani normanni di Sicilia. *BollNum* Vol. 6-7 (1986) pp. 11-54.

The author explores the function and specific ideological significance of the Arabic version of the titles of the Altavilla. A complete catalogue is furnished.
(Andrea Carignani)

- 349** KASSIS, HANNA E. Observations on the First Three Decades of the Almoravids Dynasty (A.H. 450-480/AD 1058-1088)—A numismatic study. *Der Islam. Zeitschrift für Geschichte und Kultur des islamischen Orients*. Vol. 62 No. 2 (Berlin, 1985) pp. 311-325.

- 350** KASSIS, HANNA E. Qaḍi'Iyaḍ's Rebellion against the Al Mohads in Sabta (AH 542-543/AD 1147-1148), New Numismatic Evidence. *Journal of the American Oriental Society* Vol. 103 No. 3 (New Haven, CT, American Oriental Society 1983) illus.

The author discusses the Qaḍi's rebellion in light of 2 dinars struck in Sabta in

542 H and 543 H (now lost). 'Iyađ attempted to acknowledge the political supremacy of the Almohads without compromising his orthodoxy. When his attempt failed, he rebelled and lost. (Sammir Shamma)

351 KERESTECİOĞLU, KENAN. Sultan Abdül Mecid'in Cülusunun 9. Yilinda Basılan 10 Kuruşun Düşündürdükleri [Reflections on a 10 Kuruş Minted in the 9th Year of the Reign of Sultan Abdul Mecid]. *BültenTürkNumSoc* Vol. 22 (1987) pp. 13-18.

The author confirms that the 10 kuruş of the 9th year was indeed issued, although until recently it was believed that there was no such issue. (Ömer Diler)

352 KÜRKMAN, GARO. Karaman Beyi İbrahim b. Mehmed'in 827 H. Tarihli Sikkesi Üzerinde Tetkik [Remarks on a 827 H Coin of İbrahim b. Mehmed, Beg of Karamanid]. *BültenTürkNumSoc* Vol. 22 (1987) pp. 23-24 illus.

The author clarifies the reading of the legend of a silver coin belonging to Karamanid, previously published with an unsatisfactory reading. (Ömer Diler)

353 LACHMAN, SAMUEL. Jewish Minters in some Mints of the Islamic West. *Shekel* Vol. 21 No. 1 (Jan-Feb. 1988) pp. 18-20.

The scanty knowledge about Jewish minters in the Islamic mints of the Iberian peninsula and North Africa is presented. (Author)

354 LACHMAN, SAMUEL. The First Coins of the Imām al-Mutawakkil ala Allāh Yaḥya Ḥamīd al-Dīn. *NI* Vol. 20 No. 7 (July 1986) pp. 158-159 illus.

A discussion of the coinage dated 1322 H is presented. (Joseph Uphoff)

355 LOWICK, NICHOLAS. Un ripostiglio di monete d'oro islamiche e normanne da Agrigento. *BollNum* Vol. 6-7 (Rome, 1986) pp. 145-166 illus.

The author publishes a hoard of 368 gold tari found in the territory of Agrigentum. More than two-thirds of the coins belong to the Islamic period, the remainder to Roberto il Guiscardo and Ruggero. The hoard was probably deposited in 1075/76 in the conflict between the Arabs and Normans. (Andrea Carignani)

356 MAC KENZIE, KENNETH M. Ottoman Coins Inscribed with a Religious Title. *NI* Vol. 21 No. 7 (July 1987) pp. 157-159 illus.

The author discusses the usage of Khādim (servant of the noble sanctuaries, especially Mecca) under various Ottoman rulers. (Joseph Uphoff)

357 MIKESKA, JÜRGEN. Die Sparbüchse eines kleinen Mannes aus der Nähe von Damaskus—und was uns ein solcher Fund alles berichten kann. *GN* Vol. 22 No. 120 (1987) pp. 172-174 illus.

A hoard of 162 silver coins, mainly akçes and beşliks, from the vicinity of Damascus is published. The majority of the pieces come from the Damascus mint; some come from Cairo. The hoard was deposited ca. 1658-63. (Peter Ilisch)

358 MIKESKA, JÜRGEN. How to Differentiate the Egyptian Medinis of Ahmed I and Ahmed III. *NI* Vol. 21 No. 1 (Jan. 1987) pp. 15-16 illus.

The author discusses the distinguishing characteristics of medinis issued by these rulers in Cairo. (Joseph Uphoff)

359 MITCHINER, MICHAEL. Two Georgian dirhems struck by David, son of George at Tiflis in AH 651. *ONSN* No. 89 (April 1984) illus.

The author publishes 2 dirhems struck by the Baghratid king David, which quote his sovereign, the Mongol Great Khan Mangu. (Stan Goron)

360 NÈGRE, ARLETTE. Le Trésor islamique d'Aurillac. *Trésors monétaires* Vol. 9 (1987) pp. 9-131 illus.

After a historical introduction, the author exhaustively describes a recently found hoard of dinars from Maghrib and al-Andalus: 48 Almoravid and 1 Muwahhid discovered accidentally in the old town of Aurillac, one-time center of Haute-Auvergne. 7 of the coins were previously unpublished; another from Jaën is the second known specimen. The Bibliothèque Nationale has acquired 48 of the 49 dinars, a significant scientific enrichment, as this is the first Islamic gold hoard found on French soil to enter the Cabinet des Médailles. Heretofore, Islamic gold buried in France was only recorded in print. (Author)

361 ÖLÇER, CÜNEYT. A török birodalom hadseregében II. Musztafa szultán alatt vert pénzek [The Coins Struck During the Rule of Sultan Mustafa II in the Army of the Turkish Empire]. *AzÉrem* No. 1 (1987) pp. 1-10.

Some coins of Mustafa II were overstruck on thalers of The Netherlands. In 1697 Mustafa II took an itinerant mint on his latest campaign. The extant financial documents are published. (István Gedai)

362 ÖLÇER, CÜNEYT. Rotterdam Müzesinde İki Nadir Osmanlı Sikkesi [Two Rare Coins in the Museum of Rotterdam]. *BültenTürkNumSoc* Vol. 22 (1987) pp. 25-26 illus.

The article presents a silver 10 kuruş of the Trablus Garp mint issued by Mahmud II and a 1214 square akçe issued by Selim III. (Ömer Diler)

363 ÖLÇER, CÜNEYT. *Sultan Mehmed Reşad ve Sultan Mehmed Vahdeddin Dönemi Osmanlı Madeni Paraları* [Ottoman Coins During Sultan Mehmed Reşad and Sultan Mehmed Vahdeddin Period]. (Yenilik Basım Evi, 1987) 112 pp. and 32 pp. of English.

The book deals with all the minted coins, along with their issue numbers, of the last 2 Ottoman sultans. (Ömer Diler)

364 ÖLÇER, CÜNEYT. Yeni Bir Darp Yeri "Besni" (A New Mint "Besni"). *BültenTürkNumSoc* Vol. 22 (1987) pp. 19-22 illus.

The author argues that an Islamic countermark frequently encountered, but as

yet undeciphered, belongs to the city of Behesni (Besni) of Dulkadiroğullari. The argument is strengthened by the fact that the same mint mark is found on a coin of Mehmed III. The article is thus very important both because this countermark is proved to belong to Dulkadiroğullari and because it proves a new mint of the Ottomans.
(Ömer Diler)

365 OMAN, GIOVANNI. A proposito della translitterazione e della traduzione di leggende monetali arabe di Sicilia. *BollNum* Vol. 6-7 (1986) pp. 7-10.

The author explains several syntheses concerning the principal problems of the transliteration of Arabic legends on coins struck in Sicily between the 9th and 12th century.
(Andrea Carignani)

366 PEIXOTO CABRAL, J.M. and SAENZ-DIEZ, J.I. The silver contents of some dirhams of the revolutionary period of the Spanish Umayyad Caliphate. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 197-206.

Until the year 403 the political instability was not reflected in the silver content of the dirhems; in this year it was reduced by half.
(Leandre Villaronga)

367 PELLICER I BRU, J. On the silver coinage of the Caliphate issued in the name of Hisam II Almowayad Billah (A.H. 366-403/A.D. 976-1013). *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 181-196.

In this study 391 coins are added to the 699 published by Miles. The hiatus of 371-377 H is famous. The author presents an analysis of 58 coins.

(Leandre Villaronga)

368 RISPLING, GERT. Coins with crosses and bird heads—Christian imitations of Islamic coins? *Fornvännen* No. 2-3 (1987) pp. 75-87 illus.

Imitations of Islamic coins showing bird heads and crosses of Old-Christian type are examined and tentatively attributed to the Rus in Kiev. Their dates are with higher certainty attributed to 310-20 H (922-32 AD).
(Bengt E. Hóvén)

369 RISPLING, GERT. Islamische Münzen in Schweden. *Der Islam. Zeitschrift für Geschichte und Kultur des islamischen Orients*. Vol. 64 No. 1 (Berlin, 1987) pp. 105-110 illus.

The author surveys the rich masses of Islamic coin, which found their way to Sweden during the Viking Age. Information on the publication of hoards containing such coins and the principles for their publication are given. Some notes on imitations of Islamic coins are included.
(Bengt E. Hóvén)

370 RODRIGUEZ LORENTE, J.J. The last Moslem gold coinage of

Murcia—A discovery and a possible rectification. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 59-61.

The author discusses a previously unpublished gold coin from the last striking of Muslim Murcia. (Leandre Villaronga)

371 RODRIGUEZ MARINHO, J. The monetary issues of Ahmad Ibn Qasī in Silves and the beginning of the characteristic Almohad coinage. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (1986) (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, and Instituto de Sintra, Portugal) pp. 43-58.

The author studies the anonymous coinage struck for the Almohades before the fall of the Almoravid dynasty. (Leandre Villaronga)

372 SAENZ-DIEZ, J.I. and PELLICER I BRU, J. Análisis de cuños de dirhems del H. 392 de Al-Andalus (1001-1002 d.C.). *ActaNum* Vol. 16 (1986) pp. 127-139 illus.

The authors' study of 83 coins concerns metrological aspects, the dies and an estimation of volume. (Leandre Villaronga)

373 SAENZ-DIEZ, J.I. Circulation and coinage by Hishām II in north Africa, (366-399). *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 337-343.

The results of a comparative study of the circulation of coins in the Magreb and in al-Andalus are published. (Leandre Villaronga)

374 SAENZ-DIEZ, J.I. Última (y desconocida) acuñación de oro en la Játiva musulmana. *Boletín del Museo Arqueológico Nacional (Madrid)*. Vol. 1 No. 1 (1982) pp. 93-96 illus.

The author publishes heretofore unknown dies of al-Wāthiq, which were struck in Játiva. (Leandre Villaronga)

375 SARKISSIAN, HENRY and GARABEDIAN, MARGO. Cilician Armenian Coins Found on Armenian Territory. *NotChioistroMonMagg* Vol. 27-28 (1986, publ. 1987) pp. 35-39 illus.

Discussing the distribution and circulation of the issues of the Cilician state (1080-1375) in Armenian territory, the authors publish 8 coins. (Andrea Carignani)

376 WARDEN, WILLIAM B. JR. A rare and unpublished Arab-Sasanian drachm of Abdallah ibn al-Zubair. *ONSN* No. 90-91 (June-Aug. 1984) illus.

The author publishes a coin of 'Abd Allāh, dated 61 H, struck at the mint of Jayy prior to the assumption by 'Abd Allāh to the title of caliph. (Stan Goron)

377 WARDEN, WILLIAM B. JR. A short note on a very rare Arab-Sasanian Kharijite propaganda silver drahm. *ONSN* No. 92-93 (Oct.-Dec. 1984) illus.

The author publishes a coin of year 75 H, from the mint Ardeshir-Khurra. The coin can be identified as a propaganda issue struck by the Kharijite counter-caliph Qatari ibn al-Fuja'a. Similar coins are compared. *(Stan Goron)*

378 WARDEN, WILLIAM B. JR. The very rare Arab-Sasanian coinage of Yazid b. Al-Muhallab. *ONSN* No. 94-95 (Feb.-April 1985) illus.

The author discusses a silver drahm, dated 78 H, from the mint of KRMAN-HPYJ (Khabis in Kirman province). Historical background is provided. *(Stan Goron)*

379 WIGGINS, K.W. Some copper coins of Qunduz. *ONSN* No. 75 (Dec. 1981) illus.

The author publishes a number of coins depicting an antelope on the obverse, struck at Qunduz in 907 H. These coins are attributed to Khusru Shah (ca. 903-910 H). *(Stan Goron)*

380 WOODHEAD, P. Two Small Armenian Hoard Groups. *NCirc* Vol. 95 No. 4 (May 1987) pp. 107-109 illus.

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

Byzantine, Nos. 301, 318.

Western and Central Europe, No. 560.

Medals and Decorations, No. 795.

Paper Money, Nos. 878, 897, 900.

INDIA

381 CORBEL, D.C. A Sikh quarter rupee. *ONSN* No. 92-93 (Oct.-Dec. 1984) illus.

The author publishes the first known Sikh quarter rupee from Kashmir. It is of a type struck during the governorship of Shaikh Gholam Muhyid Din in Samvat 1898. *(Stan Goron)*

382 DE MARAIS, JOHN. British and Native Coinages in India, 1940-1945. *NI* Vol. 20 No. 7 (July 1986) pp. 153-157 illus.

The author discusses the coins circulating in India during this period.

(Joseph Uphoff)

383 DEYELL, JOHN S. Copper coinage of the Gakkhar tribe. *ONSN* No. 80 (Oct. 1982) illus.

The author publishes 2 copper coins of the Gakkhars (present-day north Pakistan). The coins were struck at Pharwala by Sultan Adam in the 16th century. Historical background is provided. (Stan Goron)

384 HARDAKER, TERRY. An unpublished type of potin coin from India. *ONSN* No. 99 (Dec. 1985-Jan. 1986) illus.

The author describes 4 small globular coins obtained in Ahmedabad. The coins, bearing a bow and arrow symbol, may be a Satavahana issue. (Stan Goron)

385 HEBERT, R.J. Ōm and the Indian Amulets. *NI* Vol. 20 No. 7 (July 1986) pp. 149-152 illus.

A discussion of the word Ōm in Buddhist worship is presented as well as a few amulets which illustrate its use. (Joseph Uphoff)

386 HOLMBERG, KJELL and LEJON, LARS-ÅKE. Ett indiskt fynd av plåtmynt [A Hoard of Plate-Money Found in India]. *SNT* No. 6 (1987) p. 183.

Thirty-four Swedish plate-coins, 2- and 4-dalers, struck between 1680 and 1757, were found ca. 2 years ago in the harbor of Madras, India. Such a find outside Europe is very rare. (Bengt E. Hovén)

387 KULKARNI, PRASHANT P. Akbar's copper coins of Balapur. *ONSN* No. 99 (Dec. 1985-Jan. 1986) illus.

The author publishes 2 dams and a half dam of Balapur in Berar. The coins are dated 1 lahi 47, months Farwardin, Tir and Di. (Stan Goron)

388 KULKARNI, PRASHANT P. Chupperbund counterfeiters. *ONSN* No. 90-91 (June-Aug. 1984).

Chupperbund was a word used to denote a tribe of fakirs engaged in the business of manufacturing counterfeits of British Indian rupees. The author, quoting from contemporary sources, gives information on the counterfeiters' modus operandi and on action taken to suppress them. (Stan Goron)

389 LAUTZ, THOMAS. Plåtmyntfund in Indien. *GN* Vol. 22 No. 121 (1987) pp. 210-212 illus.

The find of Swedish copper plate money (2 dalers, 1680-1756, and 4 dalers, 1729-57) from the harbor of Madras, India, is discussed. (Peter Ilisch)

390 MITCHINER, MICHAEL. An East India Company weight for Farukhabad rupees of AD 1806-18. *ONSN* No. 65 (April 1980) illus.

The author publishes a uniface, machine-struck copper piece with the inscription

Minimum legal weight of oblique milled old Fur. Rupee 171.198 grs.

(Stan Goron)

391 MITCHINER, MICHAEL. Early medieval silver coins from Swat. *ONSN* No. 84 (June 1983) illus.

The author publishes 4 small, uniface silver coins, weighing 0.3-0.4 g, dated to the 6th-7th century AD. The legend is read as **Sri Rovina Gu(p)ta**.

(Stan Goron)

392 MITCHINER, MICHAEL. French Colonial Double Rupees Struck at Pondicherry. *ONSN* No. 74 (Oct. 1981) illus.

The author publishes 2 double rupees struck by the French in the name of Shah 'Alam II with a date 1184 H, RY 6.

(Stan Goron)

393 RHODES, N.G. A coin of Rana Bahadur Shah of Nepal struck in Almora. *ONSN* No. 90-91 (June-Aug. 1984) illus.

The author publishes a copper coin, weighing 11 g, struck sometime between AD 1790-1799.

(Stan Goron)

394 RHODES, N.G. Husain Shah of Bengal and his victory over Kamata. *ONSN* No. 66 (June 1980) illus.

The author publishes a silver tanka of Husain Shah dated 900 H, which refers to his victories over Kamrup and Kamata, but not those over Jainagar and Orssu—all of which usually occur on the "victory" coins. This proves that the initial invasion of Assam and Cooch Bihar by Husain Shah took place no later than 900 H (AD 1494).

(Stan Goron)

395 RHODES, NICHOLAS G. Some Kashmir Copper Coins of Akbar. *NI* Vol. 20 No. 8 (Aug. 1986) pp. 179-186 illus.

The author discusses some of the varieties of copper coins issued by Akbar between 1592 and 1597 for Kashmir.

(Joseph Uphoff)

396 STEVENS, P.J.E. The Coins of the British in India, an unearthed Quarter Rupee for the Bombay Presidency. *SCMB* No. 818 (March 1987) pp. 44-45 illus.

The author publishes the 1825 1/4-Rupee, corresponding to Pridmore 274-75.

(Edward Besly)

397 TIMMERMAN, F. An unpublished sixteenth rupee of Masulipatan mint. *ONSN* No. 94-95 (Feb.-April 1985) illus.

The author publishes a coin of Mohammed Shah dated 1135 H, RY 5.

(Stan Goron)

398 TYE, R. Punchmarked silver coins of Saurashtra. *ONSN* No. 92-93 (Oct.-Dec. 1984).

The author discusses the dating of this series.

(*Stan Goron*)

399 TYE, ROBERT. Single punch marked coppers of ancient northern India. *ONSN* No. 87 (Dec. 1983) illus.

The author publishes and discusses 4 types of single punch-marked copper coins, each from separate regions of north India, and includes archaeological evidence. He suggests an issue date in the 3rd century BC or early 2nd century BC.

(*Stan Goron*)

400 TYE, ROBERT. The cast copper coinage of Ancient Northern India. *ONSN* No. 69 (Feb. 1981) illus.

The author makes some general comments on the weight standards, provenance and recorded types of these coins.

(*Stan Goron*)

401 WEST, KEN. Derivation of the Bull & Horseman Coins of Mohammad bin Sam, First Sultan of Delhi. *NI* Vol. 21 No. 6 (June 1987) pp. 140-142 illus.

Hindu bull and horseman coins are illustrated next to their corresponding Ghori imitations. The founding of the dynasty of Ghori in northern India is briefly discussed.

(*Joseph Uphoff*)

402 WIGGINS, K.W. A mysterious mint of the Nawabs of Arcot. *ONSN* No. 65 (April 1980) illus.

The author publishes a number of copper coins of the Nawabs of Arcot with a mint name Mu'azzamabad. This mint place is not otherwise known in the Arcot area. The coins are in the name of Shah 'Alam II and range from RY 3 to RY 28.

(*Stan Goron*)

403 WIGGINS, K.W. A note on the piece of the East India Company struck at Ahmedabad. *ONSN* No. 73 (Aug. 1981) illus.

The author publishes some copper coins struck by the East India Company at Ahmedabad in 1234 and 1236 H.

(*Stan Goron*)

404 WIGGINS, K.W. A 25 cash piece of Krishna Raja Wodeyar of Mysore. *ONSN* No. 76 (Feb. 1982) illus.

The author publishes a 25 cash coin of this ruler with elephant on the obverse.

(*Stan Goron*)

405 WIGGINS, K.W. Coins of Girvan Yuddha of Nepal struck in Almora. *ONSN* No. 99 (Dec. 1985-Jan. 1986) illus.

The author describes 2 copper coins dated Samvat 1858. (Stan Goron)

406 WIGGINS, K.W. Rupees of the mint of Qandahar in the Deccan during the reign of Shah Jehan I. *ONSN* No. 76 (Feb. 1982) illus.

The author points out that there are rupees of Qandahar issued in the name of Shah Jehan, while the city of that name now in Afghanistan was under the rule of the Safavids. These coins are attributed to Qandahar in the Deccan, a fortified place occupied by the Moghals at that time. (Stan Goron)

407 WIGGINS, K.W. The coinage of Las Bela. *ONSN* No. 94-95 (Feb.-April 1985) illus.

The author provides historical data on this state and details of the currency system used in Sind. He describes the various copper coins issued in Las Bela. (Stan Goron)

408 WIGGINS, K.W. The early copper coins of Dhar State. *ONSN* No. 82-83 (Feb.-April 1983) illus.

The author publishes a variety of copper coins with various devices, which he ascribes to Dhar State. To a large extent, the attribution is based on information provided by Captain C.E. Luard (*Central India States Gazeteer*, Bombay 1908). (Stan Goron)

For additional references to Indian numismatics, see the following abstract:

Medals and Decorations, No. 815.

FAR EAST

409 A XIANG. A Brief Explanation of the Names of the Currency Before the Qing Dynasty. *ColChinNumTheses* No. 2 (1985) pp. 58-66 illus. In Chinese.

410 A XIANG. A Brief Explanation of the Names of Money Moulds. *ColChinNumTheses* No. 2 (1986) pp. 66-67 illus. In Chinese.

411 BERTSCH, WOLFGANG. A Pattern Struck in England for Tibet. *NI* Vol. 21 No. 2 (Feb. 1987) pp. 33-35 illus.

A pattern proposed for circulation in 1923 is discussed. The author considers reasons for its rejection by the Tibetan government. (Joseph Uphoff)

412 BU REN BU HE. Notes on the Local Provisional Relief Bill of Tong Liao County. *ColChinNumTheses* No. 4 (1986) pp. 66-67 illus. In Chinese.

413 CAI YUNZHANG and HAN WEIYA. A Discussion on 'The Study on Dai pu of the Spring and Autumn period.' *ColChinNumTheses* No. 2 (1985) pp. 22-23 illus. In Chinese.

414 CAI YUNZHANG. A Study on the Silver Ingot for 'Exit Tax' of the Southern Song Dynasty newly Discovered at Luoyang. *ColChinNumTheses* No. 3 (1986) pp. 23-27 illus. In Chinese.

415 CHANG, H. *Subsidiary Notes on "The Silver Dollars and Taels of China."* (Hong Kong, 1983) 40 pp. illus.

This book is a supplement in English to Chang's *Silver Dollars and Taels of China* (see *EJ* No. 1, p. 10), which contains complete price revisions for the original book, plus illustrations of forgeries and how to spot them. (Bruce W. Smith)

416 CHEN FUGENG. The Templet of Nickel Coins of the Qing Dynasty. *ColChinNumTheses* No. 2 (1986) p. 61 illus. In Chinese.

417 CHEN GUANG BIAO. The Copper Coins of Chinese Soviet. *ColChinNumTheses* No. 4 (1985) p. 62 illus. In Chinese.

418 CHEN HAO. The Provisional Small Coins of the Hu Shan District of the Anti Japanese Base in the Eastern Part of Zhejiang Province. *ColChinNumTheses* No. 4 (1986) pp. 38-39. In Chinese.

419 CHEN JIAN. A Trial Talk on the Design of Chinese Modern Coins. *ColChinNumTheses* No. 3 (1986) pp. 55-56. In Chinese.

420 CHEN NAIXIONG. The Explanatory Study on the Coins of the Liao Dynasty with Khitan Characters. *ColChinNumTheses* No. 4 (1985) pp. 6-10 illus. In Chinese.

421 CHEN NAIXIONLIA. A Trial Explanation of the Cash with Four National Languages of the Yuan Dynasty. *ColChinNumTheses* No. 1 (1986) pp. 36-37 illus. In Chinese.

422 CHEN SHANGMIN. On the Silver ingot of the Song Dynasty Excavated at Xi Sai Shan. *ColChinNumTheses* No. 3 (1985) pp. 32-36. In Chinese.

423 CHEN ZHANHUA. An Introduction of the Rare 'Wu Wu' Cash. *ColChinNumTheses* No. 3 (1986) p. 68. In Chinese.

424 CHEN ZHONG. The Process of the Issuance of Credit Circulating

Bill in the Jiu Lian District. *ColChinNumTheses* No. 3 (1986) pp. 17-24 illus. In Chinese.

425 CHENG XIAOZHONG. A Briefing on Vietnam Coins. *ColChinNumTheses* No. 3 (1985) pp. 75-77. In Chinese.

426 CRESSWELL, O.D. Some Problems of the Bullet Coinage of Siam. *NI* Vol. 20 No. 10 (Oct. 1986) pp. 221-228 illus.

Coins which the author purchased several years ago are presented. Some conclusions about this currency are drawn. (Joseph Uphoff)

427 CRESSWELL, OLIVER D. The Bullet Coinage of Siam, Part I. *NCirc* Vol. 95 No. 3 (April 1987) pp. 74-75; Part II. *NCirc* Vol. 95 No. 4 (May 1987) pp. 111-112; Part III. *NCirc* Vol. 95 No. 5 (June 1987) pp. 147-148; Part IV. *NCirc* Vol. 95 No. 6 (July 1987) pp. 186-187; Part V. *NCirc* Vol. 95 No. 8 (Oct. 1987) pp. 254-255 illus.

428 DONG QINGXUAN. An Investigation on the Tian Gang Silver Coin of place of Xinjiang. *ColChinNumTheses* No. 2 (1986) pp. 15-32 illus. In Chinese.

429 DONG YUKUI. A Study on the Separation in Five Grades of the Silver 'Cheng An Bao Huo.' *ColChinNumTheses* No. 2 (1986) p. 36.

430 DONG YUKUI and PAN ZHENZHONG. The Excavation of the Silver Ingot Cheng An Bao Huo of the Jin Dynasty. *ColChinNumTheses* No. 2 (1986) pp. 39-40 illus.

431 DUAN LISHENG. A Gold Coin of Thailand Minted in the Chinese Language. *ColChinNumTheses* No. 3 (1985) p. 78 illus. In Chinese.

432 GABRISCH, K. Forgery of a Sino-Tibetan 'Lukuan' rupee. *ONSN* No. 75 (Dec. 1981) illus.

The author publishes a modern, cast forgery found in Katmandu. (Stan Goron)

433 GAO GUIYUN. The Vaulted Coins of the Ming Dynasty Discovered at the Suburb of Beijing. *ColChinNumTheses* No. 2 (1986) p. 75 illus. In Chinese.

434 GAO YINGMIN. The Excavation of the Gold Shell Money of Zhongshan State of Warring State Periods—and also on Some Points on the Characters 'Cheng Bai' on the Knife Money Surface. *ColChinNumTheses*

No. 4 (1985) pp. 36-37 illus. In Chinese.

435 GENG ZONGREN. The Twelve Cash of the Japanese Imperial Dynasty. *ColChinNumTheses* No. 3 (1985) pp. 37-38. In Chinese.

436 GU QIAN. The Chronicle Copper Cash of the 6th Year of Da Kang in the Museum of Ji Lin Province. *ColChinNumTheses* No. 2 (1985) p. 41 illus. In Chinese.

437 GU QIAN. The Discovery and Study of Annual Tax in Silver Ingot by Meng Shan of the Yuan Dynasty. *ColChinNumTheses* No. 3 (1986) pp. 28-35 illus. In Chinese.

438 GUO RUO YU. A Study on the Grand Cash with Rich Decoration of the Heavenly Kingdom of Peace. *ColChinNumTheses* No. 2 (1985) pp. 29-32 illus. In Chinese.

439 GUO YANGANG and YU MINGGAO. The Theory of Money Circulation and Planned Economy in 'Guan Zi.' *ColChinNumTheses* No. 3 (1985) pp. 41-50. In Chinese.

440 HANG RENXIN. A Report on the Tidy Up of the Vaulted Ancient Coins of Liao Dynasty Excavated at the Chang Shi Jiang Mountain in Ba Ling You Qi. *ColChinNumTheses* No. 1 (1986) pp. 19-24 illus. In Chinese.

441 HE LINYI. A Study on the Fan Bang Knife Money. *ColChinNumTheses* No. 3 (1986) pp. 6-9. In Chinese.

442 HEBERT, RAYMOND J. The China Inland Mission and its Currency. *NI* Vol. 21 No. 1 (Jan. 1987) pp. 11-14 illus.

The author discusses the currency privately issued by this agency.

(Joseph Uphoff)

443 HU TINGFENG and WANG SHAOHUA. The Seal for the Bank Note Incineration Warehouse of Yuan Dynasty Excavated at Jiu Jiang. *ColChinNumTheses* No. 3 (1985) p. 61 illus. In Chinese.

444 HUA JUEMING and ZHAO KUANGHUA. The Alloyed Coins are Iron Coins Not Copper Coins. *ColChinNumTheses* No. 3 (1986) pp. 21-22. In Chinese.

445 HUANG YIYI. Some Points on the Vaulted Coins of Jin Dynasty

in Jilin Province. *ColChinNumTheses* No. 4 (1985) pp. 18-22. In Chinese.

446 JIA JINGYAN. A Study on the Coins with Khitan Characters. *ColChinNumTheses* No. 4 (1985) pp. 3-5 illus. In Chinese.

447 JIANG JIURU. The Circulating Bill in the Western Part of Fujian Province. *ColChinNumTheses* No. 4 (1986) pp. 42-45. In Chinese.

448 JIANG QIXIANG. A Study on the Mohammed Alslankhan Currency Excavated in Atushi Xinjiang. *ColChinNumTheses* No. 2 (1986) pp. 2-14 illus. In Chinese.

449 JIAO XIAOJIN. On the Upper Limit of the Mintage of Khitai Coins. *ColChinNumTheses* No. 1 (1986) pp. 15-18. In Chinese.

450 JIN SHEN. Brief Discussion on the West Xia Iron Coin. *ColChinNumTheses* No. 4 (1985) pp. 16-17. In Chinese.

451 JU HUICHUAN and YUAN LIN. The Chang Ping Tong Bao Cash of Korea. *ColChinNumTheses* No. 3 (1985) pp. 70-74. In Chinese.

452 KE JU. A Letter from Wang Yirong with Enclosed Coin Rubbings for Acquiring Coins. *ColChinNumTheses* No. 3 (1985) p. 69 illus. In Chinese.

453 KE JU. Peng Xin Wei and his 'The History of Chinese Currency.' *ColChinNumTheses* No. 2 (1986) pp. 63-64 illus. In Chinese.

454 KE JU. The Story of Kong Shou Pu (Hollow Head Spade Money) Written by Yang Jizhen. *ColChinNumTheses* No. 2 (1985) p. 55 illus. In Chinese.

455 KEENER, TOM. Uncommon Common Cash. *NI* Vol. 20 No. 5 (May 1986) pp. 101-103 illus.

The author describes cash coins with multiple striking errors. Explanations for their creation are included. (Joseph Uphoff)

456 KEMPGEN, HEINZ-WILHELM. Geschichte und Münzen der Ly-Dynastie von 1009 bis 1225. *GN* Vol. 17 No. 92 (1982) pp. 269-284 illus.

The history of the northern Vietnamese dynasty of the Ly is surveyed in relation to its coinage. A discussion of the copies of Chinese coinage cast in the Ly territories is also included. (Peter Ilisch)

457 KIM, IN SIK. *A Collection of Korean Bank Notes and Coins.* (Seoul, Kum

Wha Publishing Co. 1986) 225 pp. illus. In Korean.

The book has been published annually since 1975 (see *NL* 96-284) and had grown to over 360 pages. In this edition the coverage is considerably reduced and the editorial approach changed. Many varieties of early coins have been omitted. The listings of the Sang P'yong T'ong Bo coins are truncated; each major variety is shown with a value range, rather than values by grade; and, values of individual furnace sub-varieties are omitted. The listings are completely in Hangul, rather than a mixture of Hangul and Chinese characters. The banknote illustrations are completely in color. The supplementary listing of pre-1902 (private) notes is omitted.

(Joseph E. Boling)

458 KON XIANGXIAN. A View on the Argument of Standard Money System in Early Period of the Republic China from the Book 'A Discussion on the Reform of Chinese Currency System.' *ColChinNumTheses* No. 2 (1986) pp. 50-55. In Chinese.

459 LAM, WING CHEUNG. *Coins of Kwangtung Mints*. Edited by Robert P.F. Lam. (Hong Kong, The Urban Council 1979) 96 pp. illus. In Chinese and English.

A comprehensive listing, including descriptions of coins produced within Kwangtung Province from the 9th century (the earliest date for which a coin can be attributed to the province with certainty) through the early 20th century, is given. Most coins are illustrated larger than life-size.

(Joseph E. Boling)

460 LI GUANGUO. The Iron Master Coin of the Qian Dao Yuan Bao with the Reverse Depicting the Word 'Chun.' *ColChinNumTheses* No. 3 (1986) p. 40 illus. In Chinese.

461 LI HONGGUANG and ZHOU WEIXIN. Zhou Tieheng and 'The Anecdote Record of the Money of the Qing Dynasty.' *ColChinNumTheses* No. 3 (1986) pp. 36-37 illus. In Chinese.

462 LI JIAHAO. The Investigation on 'Yu Pi Pu' Coin of the Warring States. *ColChinNumTheses* No. 4 (1986) pp. 55-57 illus. In Chinese.

463 LI XUEQIN. On 'Bo Shan' Knife Money. *ColChinNumTheses* No. 3 (1986) pp. 2-5 illus. In Chinese.

464 LI YIYON. A Brief Explanation on the Silver Ingot of the Jin Dynasty Excavated at Ba Ling Zuo Qi—and also on the Shaping System of Silver Ingot of the Jin Dynasty. *ColChinNumTheses* No. 1 (1986) pp. 25-29 illus. In Chinese.


465 LIU CHUNJI. More Discussion on the Colour Paper of the Letters

Left By Bao Kang. *ColChinNumTheses* No. 4 (1986) pp. 62-63. In Chinese.

466 LIU JING YANG. A Trial Discussion on the Lead Kai Yuan Tong Pao Cash Found in Gui Ling, Guang Xi Province. *ColChinNumTheses* No. 2 (1985) pp. 49-54 illus. In Chinese.

467 LIU LINZHANG. A Preliminary Discussion on the Currency of Bo Hai State. *ColChinNumTheses* No. 4 (1985) pp. 27-31. In Chinese.

468 LIU PUSHENG. The Excavation of Coins of the Liao, Jin and Xia Dynasties at the Western Part of Hunan Province. *ColChinNumTheses* No. 2 (1986) p. 74 illus. In Chinese.

469 LIU ZONG HAN. An Explanation of the Character ‘’, on the Currency of the Warring States. *ColChinNumTheses* No. 2 (1985) pp. 24-25. In Chinese.

470 LUO JUNSHENG. The Ins and Outs of the Discovery of the Cash ‘Tian Hsian Tong Bao.’ *ColChinNumTheses* No. 2 (1986) p. 65 illus. In Chinese.

471 LUO XI ZHANG. A Trial Discussion on the Currency of West Zhou Dynasty from the Zhou Yuan Excavation. *ColChinNumTheses* No. 2 (1985) pp. 14-21 illus. In Chinese.

472 MA CHUANDE. Rare Boxer Rebellion coins discovered: Research Leads to discovery of unknown Yihotuan coins. Trans. Chong-jun Sheng and Chien-yu Wang. *WCN* (1 Sept. 1987) p. 10 illus.

Evidence for attributing the rare Tian Ti Xing Dao/Bao Ching Mi Yang coin to the Boxers in 1900 (rather than to Emperor Dao Kuang in 1840) is given. A Shui Lu Ping An talisman is also attributed to the Boxers. (Joseph E. Boling)

473 MA CHUANDE. Rare coin of Ming Dynasty—‘Yong Le Tong Pao’ Three-in-one. *ColChinNumTheses* No. 4 (1985) p. 67 illus. In Chinese.

474 MA DINGXIANG. An Addition to Coins of the Northern Song Dynasty in the Three Money Charts of Japan. *ColChinNumTheses* No. 3 (1986) pp. 10-17. In Chinese.

475 MA TING-HSIANG and MA CH’UAN-TE. *T’ai P’ing T’ien Kuo Ch’ien Pi* [Coins of the Tai Ping Heavenly Kingdom] (Shanghai, 1983) 224 pp. illus. In Chinese.

The authors publish a most extensive catalogue of Taiping coins. Not only is every

conceivable variety of regular Taiping coin listed here, but also the medalllic pieces made by the Taiping rebels as well as coins made by other rebel groups either connected or unconnected with the Taipings. Silver and gold coins issued by the Taipings are discussed and illustrated. A number of doubtful pieces and some coin-like pieces used to identify members of the Small Sword Society are illustrated and discussed. Two different notes supposedly issued by the Taipings are also discussed and illustrated, but both are believed to be bogus. (Bruce W. Smith)

476 MITCHINER, MICHAEL. Chinese engraved presentation pieces in silver and gold: late 19th-early 20th century. *ONSN* No. 82-83 (Feb.-April 1983) illus.

The author publishes a gold 'T'ung chih currency' piece and 2 silver student amulets. The purpose of these presentation pieces is discussed. (Stan Goron)

477 MITCHINER, MICHAEL. Chinese engraved silver presentation pieces—circa 1853/1912. *ONSN* No. 79 (Aug. 1982); *ONSN* No. 80 (Oct. 1982) illus.

The author publishes 2 pieces of the T'ai P'ing period (1850-64), 4 of the T'ung Chih period (1862-75), 2 of the Kuang Hsu period (1875-1908), 1 of the Hsuan T'ung period (1908-12) and 2 amulet presentation pieces of later date. (Stan Goron)

478 MITCHINER, MICHAEL. Early Burmese Coinage and King Bodawpaya's re-strikes. *ONSN* No. 68 (Oct. 1980) illus.

The author gives a brief summary of coins issued by the kingdoms of Funan and Srikshetra. He then describes silver coins struck for Bodawpaya at Calcutta ca. 1797, which used designs derived from the ancient coinage. (Stan Goron)

479 MITCHINER, MICHAEL. Two early Chinese soft metal 'seed' cash. *ONSN* No. 64 (Feb. 1980) illus.

The author presents 2 coins of the T'ang dynasty, period of Kao Tsu and his immediate successors. He considers them to be secondary seed cash. (Stan Goron)

480 MO HONGGUI. A Brief Discussion on the Zhi Bai Wu Zhu of the Kingdom of Shu Han. *ColChinNumTheses* No. 3 (1986) pp. 57-58 illus. In Chinese.

481 NA RONGLI. The Manchurian Characters and the Minting Bureau of the Coinage of Qing Dynasty. *ColChinNumTheses* No. 3 (1986) pp. 59-62 illus. In Chinese.

482 NIU DASHENG. The Discovery and Understanding of the Coins with West Xia Language in the Currency of West Xia and also on the Money Diagram problems in 'Money Record' by Hong Zun. *ColChinNumTheses* No. 4 (1985) pp. 11-15. In Chinese.

483 NIU DASHENG. The Guang Ding Yan Pao Cash with Characters in Seal Style Excavated for the First Time in Yin Chuan. *ColChinNumTheses* No. 2 (1985) p. 42 illus. In Chinese.

484 NIU DASHENG. The Report of the Physical and Chemical Analysis of the Ancient Coins Vaulted at He Lan Mountain Ningxia Province. *ColChinNumTheses* No. 3 (1986) pp. 41-54 illus. In Chinese.

485 O'BRIEN, KEN G. Reference Books For the Oriental Cash Collector. *NI* Vol. 21 No. 3 (March 1987) pp. 59-62.

A general review of the literature, including 35 citations, is presented.

(Joseph Uphoff)

486 OU YAN. On the Year of Small Wu Zhu. *ColChinNumTheses* No. 4 (1986) pp. 64-65 illus. In Chinese.

487 PAN RU YAO. A Look at the Development of Chinese Economy from the Development of Chinese Currency. *ColChinNumTheses* No. 4 (1985) pp. 41-45. In Chinese.

488 People's Bank of China. *Chung Kuo Ke Ming Chu Ti Huo Pi*, 2 Vols. [Currency of China's Revolutionary Base Areas, 2 Vols.]. (Peking, Wen Wu Press 1982) 641 pp. and 258 pp. illus.

Numerous notes and even some coins issued by the Communists in China before 1950, never seen previously in the West, are catalogued. The first volume catalogues and discusses all the coins and notes issued by the Communists from the 1920s through 1949 when the various local banks of issue were consolidated into the People's Bank of China. Among the previously unknown coins shown in this book are a 1 fen copper coin issued in the Hunan-West Hupeh Soviet with large 5 point star on the obverse; a 1931 dated silver dollar with facing portrait issued in the North Hupeh Soviet; 2 different copper coins issued by the Northwest Anhwei Soviet; 2 different silver dollars issued by the Min-Che-Kan (Fukien-Chekiang-Kiangsi) Soviet; 2 different silver dollars issued in P'ing Chiang county, Hunan; and a silver dollar with large hammer and sickle on the reverse, issued by the Northwest branch of the Chinese Soviet Republic (apparently in the Shen-Kan-Ning Soviet—the area around Yen-an, which became the headquarters of the Communists under Mao following the Long March). The second volume catalogues bonds and ration coupons issued by the communists before unification in 1949.

(Bruce W. Smith)

489 QIAN BINGRONG. The Coins Commemorating the Victory of the Northward Expedition of the Revolutionary Army. *ColChinNumTheses* No. 2 (1986) p. 62 illus. In Chinese.

490 QIAN CUNHAO. On the 'Xin Chao Tong Bao' and 'Yong Li Tong

Bao' minted in Zun Yi. *ColChinNumTheses* No. 4 (1985) pp. 54-56 illus. In Chinese.

491 QIAN JIE. On Silver Coins of the Soviet District Privately Minted by the Qi Ling Society. *ColChinNumTheses* No. 4 (1985) pp. 59-61 illus. In Chinese.

492 QIAN YU. On the Sample Coin Design, the Hand Engraving Master Coin, the Master Coin and the Sample Coin. *ColChinNumTheses* No. 3 (1986) pp. 38-39. In Chinese.

493 QIU SIDA. The Japanese Qingbaolou Kogawa Ka and the Northern Song Dynasty of 'New Edition of Fu He Money Record.' *ColChinNumTheses* No. 3 (1986) pp. 18-20. In Chinese.

494 RHODES, N.G. Some Sino-Tibetan Coins Formerly in Peking. *NI* Vol. 20 No. 12 (Dec. 1986) pp. 283-285 illus.

The author discusses coins minted in Tibet that were in the Old Palace Museum, Peking, as of 1937, and illustrated in Huang P'eng-hsiao's *Coins of the Ch'ing Dynasty*.
(Joseph Uphoff)

495 RHODES, N.G. Some Sino-Tibetan Forgeries. *NI* Vol. 20 No. 11 (Nov. 1986) pp. 254-257 illus.

Lots 895-897 in the Money Company sale of 5 Sept. 1986 are announced as being probable early 20th century forgeries. Other similar forgeries are also described.
(Joseph Uphoff)

496 RHODES, NICHOLAS G. The 'Suchakra Vijaya' Tangka of Tibet. *NI* Vol. 21 No. 1 (Jan. 1987) pp. 21-22 illus.

The coin type, probably minted ca. 1740, is discussed. (Joseph Uphoff)

497 ROBINSON, M. Four new coins of the Mrohaung Dynasty of Arakan. *ONSN* No. 77 (April 1982) illus.

The author publishes silver coins of Thirithudhamma, Thamada, and Bodawpaya—all with Arakanese inscriptions. The Thamada coins are reproduced from *Arakanese coins* by U San Tha Aung (In Burmese), Rangoon 1974. (Stan Goron)

498 ROBINSON, M. and DOMROW, R. Some new Pyu coins and modern fantasies. *ONSN* No. 78 (June 1982) illus.

The authors publish a new denomination (1/2 unit - 5g) of the "dot in temple" type of silver coinage and a new variety of the silver unit (11.2 g) of the "sankh shell in temple type." Chemical analysis of the latter is given. A number of apparent modern imitations of Pyu coins are also published. (Stan Goron)

499 ROBINSON, M. The coinage of the Mrohaung Dynasty of Arakan 1430-1635. Part 1. *ONSN* No. 81 (Dec. 1982) illus.

This article provides some historical background to the Mrohaung dynasty and publishes a number of coins inscribed in Persian/Arabic, mainly in the style, albeit cruder, of contemporary tankas of the Sultans of Bengal. Identification of the rulers concerned is in some cases uncertain or tentative. (Stan Goron)

500 ROBINSON, M. The coinage of the Mrohaung Dynasty of Arakan, 1430-1635 A.D. Part 2. *ONSN* No. 84 (June 1983) illus.

The author publishes and discusses a number of coins said to have been struck at Chittagong. The coins, ca. 2 1/2 g, are inscribed either in Persian/Arakanese or Arakanese/Bengali scripts. (Stan Goron)

501 ROBINSON, M. and RHODES, N.G. The coinage of the Mrohaung Dynasty of Arakan, 1430-1635. Part 3. *ONSN* No. 85-86 (Aug.-Oct. 1983) illus.

This article covers the trilingual coins issued between ca. AD 1593-1622.

(Stan Goron)

502 ROBINSON, M. The lead coins of Pegu. *ONSN* No. 82-83 (Feb.-April 1983) illus.

The author publishes a number of lead coins, provides a chemical analysis of some of them and quotes a number of contemporary sources that refer to them. Their date of issue is discussed. (Stan Goron)

503 ROU ZHI. My Views on the Separation in Five Grades of the Silver 'Cheng An Bao Huo.' *ColChinNumTheses* No. 2 (1986) pp. 37-38. In Chinese.

504 SHI LEI. The First Ren Min Bi. *ColChinNumTheses* No. 4 (1986) p. 40. In Chinese.

505 SUN ZHONGHUI. A Study of the Temple Coins of the Yuan Dynasty. *ColChinNumTheses* No. 1 (1986) pp. 43-48 illus. In Chinese.

506 SUN ZHONGHUI. An Introduction to the Da Guan Small Cash. *ColChinNumTheses* No. 2 (1985) pp. 56-57 illus. In Chinese.

507 TANG SHIFU. A Briefing on Bao Kang's Study Discipline. *ColChinNumTheses* No. 3 (1985) pp. 66-68. In Chinese.

508 TANG SHIFU. A Study on the Year of the Death of Bao Kang. *ColChinNumTheses* No. 4 (1986) p. 61. In Chinese.

509 TEIKICHI, IMAI. *Kosen Daizen*, Vol. 3 [A Complete Work on Old Coins, Vol. 3]. (Tokyo, 1979) 408 pp.

This is the third volume in a 10 volume reprint of Imai Teikichi's 38 volume catalogue originally published in 1888. The book lists the Sung mints and ca. 3,000 varieties of Sung coins. A section on coins of the Chin, Hsi Hsia and other minor states during the time of the Sung dynasty is included.

(Bruce W. Smith)

510 THIERRY, FRANÇOIS. The Origin of the Silver Coin with the Reverse Depicting the Word 'Fu.' Trans. Ni Xiaohua. *ColChinNumTheses* No. 3 (1986) pp. 78-79 illus. In Chinese.

511 TONG ZI. The Military Bank and its Exchange Bill of the Jing Guo Army of Yunnan Province. *ColChinNumTheses* No. 4 (1986) pp. 53-54 illus. In Chinese.

512 TU HE. On Japanese Gold and Silver Coins. *ColChinNumTheses* No. 3 (1985) pp. 39-40 illus. In Chinese.

513 WANG, CHIEN-YU and SHENG, ZHANG-JUN. The Society of the Small Sword: Coins of the 'Xiao Tao Hui.' *WCN* (1 Sept. 1987) p. 12 illus.

Tai Ping Tung Bao coins, minted in 1854-55, in Shanghai by the Society of the Small Sword are described and illustrated. Most of the coins have sun and moon symbols or special characters on the reverse.

(Joseph E. Boling)

514 WANG GUICHENG and TONG ZHIYU. Bao Kang's Works and the Remains of His Letters in coloured Paper. *ColChinNumTheses* No. 1 (1986) pp. 67-70 illus. In Chinese.

515 WANG HSIEN-T'ANG. *Chung Kuo Ku Tai Huo Pi T'ung K'ao*, 3 Vols. [A Study of China's Ancient Coinage, 3 Vols.] (Shantung, China, Hsin Hua Publishing Company 1979) 1852 pp. illus. In Chinese.

This study is divided into 5 chapters. Chapter 1 (358 pp.) concerns Chou coins. Chapter 2 (254 pp.) discusses the coins of the Ch'in dynasty (223-206 BC). Chapters 3 and 4 (884 pp.) describe the coins of the Han dynasty (206 BC-220 AD). Chapter 5 (355 pp.) discusses coins molds. Most of the study consists of text, with illustrations added where needed. A few Han dynasty silver ingots, not previously seen in the West, are included.

(Bruce W. Smith)

516 WANG QINGZHENG. A Brief Investigation of 'Po Shang Knife Money' Kept in the Bank of Japan and the Shanghai Museum. *ColChinNumTheses* No. 3 (1985) pp. 3-6 illus. In Chinese.

517 WANG YULANG. A Brief Talk on the Vaulted Coins of the Jin



Dynasty and its Currency System. *ColChinNumTheses* No. 4 (1985) pp. 23-26. In Chinese.

518 WANG ZONGFA. A Trial Talk on the Forming of the Common Reverse Cash of Wang Mang. *ColChinNumTheses* No. 4 (1986) pp. 58-60 illus. In Chinese.

519 WEI YUE WANG. A Study on 'Zhong Tong Yuan Bao Jiao Chao' with a Face Value of Ten Wen. *ColChinNumTheses* No. 4 (1985) pp. 38-40 illus. In Chinese.

520 WONG, S.Y. and CHING, DANIEL K.E. A Chinese cash-coin puzzle: Is the Yong Lu Dong Bo three-cash coin genuine? *WCN* (1 Sept. 1987) p. 18 illus.

The authors present arguments to dispute the authenticity of this three-cash coin.
(Joseph E. Boling)

521 WONG WENZHONG. The Coins with Sandy Soil in Tian Shui and Others. *ColChinNumTheses* No. 2 (1986) pp. 44-46 illus. In Chinese.

522 WRIGHT, R.N.J. A 1933 Sun Yat-sen Dollar Die Variety. *ONSN* No. 64 (Feb. 1980) illus.

The author points out that 2 distinct reverse dies were used for this issue and illustrates the differences.
(Stan Goron)

523 WRIGHT, R.N.J. Mukden 20 and 10 cash coins of 1922. *ONSN* No. 68 (Dec. 1980) illus.

The author tentatively identifies a certain type of 10 and 20 cash coin with the Mukden 1 and 2 cent coins mentioned in the 1923 U.S. Mint Report.
(Stan Goron)

524 WU CHOUZHONG and JIN CHENG. A Trial Discussion on the Type of Mould for Copper Coins of the North Western Soviet District of An Hui Province. *ColChinNumTheses* No. 2 (1986) pp. 56-59 illus. In Chinese.

525 WU ZIQUAN. Coinage of the Revolutionary Base of Jing Gang Mountain. *ColChinNumTheses* No. 4 (1986) pp. 2-3 illus.

526 WU ZONGXIN. A Brief Report on the Cleaning of Ancient Coins Stored at San Dao Yin Zi. *ColChinNumTheses* No. 2 (1986) pp. 71-72. In Chinese.

527 WU ZONGXIN. Brief Analysis of Da An Tong Pao. *ColChinNumTheses* No. 4 (1985) p. 68. In Chinese.

528 XIE SHIPING. A Brief Talk on the Difference of Ground Edge, Sheared Edge and Chiseled of the Five Zhu. *ColChinNumTheses* No. 1 (1986) pp. 49-50 illus. In Chinese.

529 Xinhua [New China] Publishing House and People's Book of China, Editorial board for *A History of Chinese Currency. A History of Chinese Currency (16th Century BC—20th Century AD)*. (Hong Kong, Xinhua [New China] Publishing House, N.C.N. Limited and M.A.O. Management Group Ltd. 1983) 220 pp. illus. ISBN 962-7094-01-3.

The spectrum of Chinese numismatics is covered in color illustrations of 400 coins and 500 notes. The note section includes many seldom-seen Communist issues. Extensive captions supplement the sparse text to convey much information.

(Joseph E. Boling)

530 XU TINGXIAN and XU WEIYI. Some Points on the Xinjiang Red Coins. *ColChinNumTheses* No. 2 (1986) pp. 33-35 illus. In Chinese.

531 YAN JINPING. The Iron Coins of the Song Dynasty Excavated at Bao Ji. *ColChinNumTheses* No. 3 (1986) p. 69. In Chinese.

532 YANG ZUNSHENG. Some Notes on the Investigation of the Circulating Bill of the People's Self Defensive Army of the North Eastern Part of China. *ColChinNumTheses* No. 4 (1986) pp. 48-49 illus. In Chinese.

533 YAO SHUOMIN and CHEN JIYUAN. A Selection of Contents on the Study of Chinese Numismatics Abroad in Recent Years—Abstracted from *American Numismatic Literature*. *ColChinNumTheses* No. 2 (1985) pp. 71-73. In Chinese.

534 YAO SHUOMIN. The phag-pa Language and the Money of Yuan Dynasty. *ColChinNumTheses* No. 1 (1986) pp. 71-77 illus. In Chinese.

535 YE SHICHANG and PAN LIANGUI. There Were No Recast Coins for this Jia Qing Year. *ColChinNumTheses* No. 2 (1986) pp. 47-49. In Chinese.

536 YE TENGJAO. A Trial Discussion on the Beijing Banking Shop and the Money Certificate. *ColChinNumTheses* No. 2 (1985) pp. 43-48 illus. In Chinese.

537 ZHANG HAN. The Study and Explanation of Pu of the Wei State. *ColChinNumTheses* No. 4 (1985) pp. 32-35 illus. In Chinese.

538 ZHANG JIANXIN. A Talk on the Design of Currency of the National Bank of Soviet China by Huang Yaguang. *ColChinNumTheses* No. 1 (1986) pp. 56-59 illus. In Chinese.

539 ZHANG ZUGUO. The Tight and Deficient Money Problem in the Middle and Late Tang Dynasty. *ColChinNumTheses* No. 3 (1985) pp. 28-31. In Chinese.

540 ZHI KAN. The Big Cash-Kuang Xu Tong Bao with the Words Bao Jin in Manchurian on the Back. *ColChinNumTheses* No. 2 (1986) p. 60 illus. In Chinese.

541 ZHU CHUNDE. Earnest Theme and Exquisite Design. *ColChinNumTheses* No. 1 (1986) pp. 40-42. In Chinese.

542 ZHU HUA. A Brief Analysis of the pu Cash of the Warring States Excavated at Yun City, Shan Xi province. *ColChinNumTheses* No. 2 (1985) pp. 26-28 illus. In Chinese.

543 ZHU HUA. An Inquiry on the Wording on the Reverse of Ge Yi Pu. *ColChinNumTheses* No. 2 (1986) pp. 41-43 illus. In Chinese.

544 ZHU HUO. Continuous Discussion on Ancient Coins—the Copper Shell Money in the Currency of the Before Qing Dynasty. *ColChinNumTheses* No. 2 (1985) pp. 5-13 illus. In Chinese.

545 ZUO BAOCHENG and WU KAITAI. The Basic Currency of New China in the Waring Period—Recall the Printing and Issuing of the First Series of Ren Min Bi. *ColChinNumTheses* No. 3 (1985) pp. 53-59 illus. In Chinese.

For additional references to the numismatics of the Far East, see the following abstracts:

Technology and Methodology, Nos. 53, 57, 62.

Oceania, No. 781

Paper Money, Nos. 869, 871, 873, 877, 881, 886, 910, 911, 912, 913, 914, 915, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928.

Tokens and Jetons, No. 934.

AFRICA—MEDIEVAL AND MODERN

- 546** HEBERT, RAYMOND J. Medieval Coins Out of Africa. *NI* Vol. 21 No. 6 (June 1987) pp. 131-139 illus.

The author describes a hoard of 50 coins, minted in Mogadishu and Kilwa, acquired ca. 1960 by a U.S. government official.
(Joseph Uphoff)

EUROPE—MEDIEVAL AND MODERN
GREAT BRITAIN AND IRELAND

- 547** BOOTH, JAMES. History vs. Numismatics: "Sceatts" and "Stycas." *NCirc* Vol. 95 No. 1 (Feb. 1987) p. 6.

The author suggests that the distinction between these two terms applied to Northumbrian coinage should be related to the metal content rather than the design of the coins in the years ca. AD 800.
(Edward Besly)

- 548** BRAND, J.D. Factory Minting in Medieval England. *NCirc* Vol. 95 No. 3 (April 1987) pp. 71-72.

- 549** BRAND, JOHN D. Mint Accounts and Alloys. *NCirc* Vol. 95 No. 5 (June 1987) pp. 143-146.

The author reinterprets the mint accounts of the Limoges mint under the Black Prince, 1365-66.
(Edward Besly)

- 550** CHRIST, JAY FINLEY, DAVID, NORMAN M., DUDLEY, W.E. Sherlock Holmes and Numismatics: The Case of the Conspicuous Currency. *Num* Vol. 100 No. 12 (Dec. 1987) pp. 2513-2521 illus.

The article is divided into 3 parts: (1) Glittering Golden Guineas by J.E. Christ, reprinted from *Num* Vol. 64 No. 10 (Oct. 1951); (2) Here Are Your Wages by N.M. David, reprinted from the *Baker Street Journal* Vol. 21 No. 2 (June 1971); (3) A Coming Plague by W.E. Dudley, reprinted from the *Baker Street Journal* Vol. 21 No. 2 (June 1971). The article is published in celebration of the 100th anniversary of Holmes's debut.
(Candace Carter)

- 551** HARRIS, E.J. The Moneyers of the Norman Kings and the types they are known to have struck. Part 20. *SCMB* No. 817 (Jan.-Feb. 1987) pp. 5-7; Part 21. *SCMB* (April 1987) pp. 88-91.

552 PAGAN, H.E. A Cnut hoard from Cornwall. *NCirc* Vol. 95 No. 2 (March 1987) p. 39.

A new contemporary reference to the hoard from Constantine, near Helston, found ca. 1700, is discussed. (Edward Besly)

553 SHIMMIN, P.E. Matthew Boulton's 1788 Pattern Halfpennies. *SCMB* No. 819 (April 1987) pp. 84-87 illus.

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

General, No. 40.

India, No. 382.

Far East, No. 411.

Medals and Decorations, Nos. 804, 826.

Paper Money, Nos. 875, 876, 890.

Tokens and Jetons, Nos. 931, 938, 948, 949.

WESTERN AND CENTRAL EUROPE

554 AHUMADA SILVA, ISABEL. Le monete dei conti di Gorizia e del Tirolo del Museo Provinciale di Gorizia. *Annali di Storia Isontina* Vol. 1 (1986) (Gorizia, Prov. di Gorizia 1986) pp. 77-116 illus.

The author publishes a catalogue, with a brief historical introduction, of the coinage of the counts of Gorizia and Tyrol (11th-16th centuries) in the Museo di Gorizia. The emissions of the mints of Lienz, Merano, Dobbiaco, etc. are examined.

(Andrea Carignani)

555 ALFARO ASINS, C. Tesorillo de Blancas de Enrique III. *Boletín del Museo Arqueológico Nacional (Madrid)*. Vol. I No. 1 (1982) pp. 89-92 illus.

The hoard comprises 53 blancas of Burgos, 12 of Toledo, 14 of Seville, 3 of Cuenca and 2 of uncertain attribution. The hoard was deposited ca. 1400-1406.

(Leandre Villaronga)

556 ANTOINE, JEAN LOUIS. La chapelle Notre-Dame d'Hastimoulin. *Annales de la Société archéologique de Namur* Vol. 64 No. 2 (1986) pp. 253-322 illus.

During excavations in a 13th century chapel (prov. Namur, Belgium) a patard of Philip IV struck in Antwerp in 1644 was found.

(Paul Naster)

557 ARSLAN, ERMANNIO A. Catalogo delle monete ostrogote e longobarde. *Dai Civici Musei di Arte e Storia di Brescia, Studi e Notizie*. Vol. 1 (1978-1985) (Brescia, Grafo 1987) pp. 11-23 illus.

The author publishes the Ostrogothic and Lombard coinage (5th-8th centuries),

from Theodoric to Desiderius, in the Museo Civico di Brescia.

(Andrea Carignani)

558 ARSLAN, ERMANNIO A. La moneta longobarda: per un corpus dei materiali. *Nuovi contributi agli studi longobardi in Lombardia*. Atti del Convegno. (Arsago Seprio, 29 settembre 1984) pp. 51-60 illus.

After covering several theories regarding the reorganization of the material using a new method for the study of Lombard coinage, the author examines several problems individually.

(Andrea Carignani)

559 BAHRFELDT, EMIL. *Mittelaltermünzen. Ausgewählte Schriften 1881-1928*. Edited by Bernd Kluge. (Leipzig, Zentralantiquariat der DDR 1987) 490 pp. illus.

In the preface which concerns the life and work of the author, the editor lists Bahrfeldt's important works which concern medieval monetary history, especially the hoard reports.

(Paul Arnold)

560 BALAGUER, A.M. and CANTO GARCIA, A. Al-Andalus y los carolingios. Un singular testimonio monetario. *GacNum* Vol. 85 (1987) pp. 41-49 illus.

A hoard comprising Carolingian denarii and Andalusian dirhams is published.

(Leandre Villaronga)

561 BALAGUER, A.M. and CRUSAFONT I SABATER, M. Els diners de Berenguer Roman I (1018-1035). Una important troballa en els límits del Vallès. *Arrahona* Series II, Vol. 13 (Sabadell, Museum of Sabadell 1982) pp. 41-51 illus.

According to the sequence of the first Catalan coins, from Charlemagne to Ramón Berenguer IV, the author critically examines the coins of the hoard of Orrius. The hoard comprises 196 silver and copper coins, weighing between 0.15 and 0.35 g.

(Leandre Villaronga)

562 BALAGUER, A.M. Un altre tipus inèdit de diner de Cervera de la Guerra dels Segadors. *ActaNum* Vol. 16 (1986) pp. 359-365 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 127-133).

563 BALBI DE CARO, SILVANA. Su una "coniazione" di nuove monete per conto e con tipi del Regio Governo Estense." *BollNum* Vol. 6-7 (Rome, 1986) pp. 245-256 illus.

The author publishes a booklet from the Archivio di Stato di Roma which refers to the agreement between the Duke of Modena and the Pontifical State to strike in a pontifical mint the denominations of the new monetary system introduced in the domain of Duke Francesco V.

(Andrea Carignani)

564 BALLADA I SERRA, J. Fons bibliogràfics sobre la moneda de la Guerra de Separació (1640-1652) al Gabinet Numismàtic de Catalunya. *ActaNum* Vol. 16 (1986) pp. 253-262 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 21-30).

565 BAUMANN, GÜNTER. *Die Münzstätte der Saigerhütte Grünthal*. (Olbernhau, Schriftenreihe Museen der Stadt Olbernhau, No. 6, 1987) 19 pp. illus.

The author presents a detailed discussion of the Saxon mint Grünthal (present day, Olbernhau).
(Paul Arnold)

566 BAUTIER-BRESC, G. Les monnaies. *Brucata Histoire et archéologie d'un habitat médiéval en Sicile, Vol. II*. Edited by Jean-Marie Peséz. (Rome, Ecole Française 1986) pp. 473-496 illus.

One hundred fifty-seven coins found during 4 excavation campaigns, of which 20 are ancient, 2 are Norman, and the others are of the 13th-14th centuries. Only these last coins are in their archaeological context. The author considers the individual pieces with their chronological and economic data, which could be ascertained. A catalogue is included.
(Sara Sorda)

567 BAZZOTTI, UGO. Lo stemma dei Gonzaga di Mantova e il suo impiego nelle monete mantovane. *La sezione gonzaghesca (Monete, medaglie, pesi e misure mantovane nell'età dei Gonzaga)*. Edited by Alia Englen et al. (Mantua, Museo Civico di Palazzo Te 1987) pp. 175-178 illus.

A brief review of the variations in the arms of the Gonzaga family of Mantua is given.
(Sara Sorda)

568 BERGHAUS, PETER. Wirtschaft, Handel und Verkehr der Karolingerzeit im Licht numismatischen Materials. *Untersuchungen zu Handel und Verkehr der vor- und frühgeschichtlichen Zeit in Mittel- und Nord-europa. Teil IV: Der Handel der Karolinger- und Wikingerzeit. Bericht über die Kolloquien der Kommission für die Altertumskunde Mittel- und Nordeuropas in den Jahren 1980 bis 1983*. Edited by K. Düwel et al. (or *Abhandlungen der Akademie der Wissenschaften in Göttingen, Philologisch-Historische Klasse*, 3rd series No. 156) (Göttingen, Vandenhoeck and Ruprecht 1987) pp. 69-85.

The numismatic evidence for the history of Carolingian trade is surveyed and illustrated by means of 11 maps.
(Peter Ilisch)

569 BERTHOLET, PAUL and HOFFSUMMER, PATRICK. L'église-halle des Saints Hermès et Alexandre à Theux. *Bulletin de la Société Vervétoise d'Archéologie et d'Histoire* (Imprimerie G. Lelotte, B-4820 Dison, Belgium) Vol. 65 (1985) pp. 1-308 illus.

During the excavations in a church in Theux (prov. Liège, Belgium) some 40 coins were discovered in tombs (pp. 293-294): most of Liège, dating to 1546 and the 17th

and 18th centuries; 2 of Cologne of the 15th and 16th centuries; 2 of Trier and 1 of Friesland of the 17th century; 1 of Aachen of the 18th century. (Paul Naster)

570 BIAŁOSKÓRSKA, KRYSTYNA. Wąchocki skarb brakteatów [The Wąchock Hoard of Bracteates]. *WN* Vol. 29, Nos. 3-4 (1985, publ. 1987) pp. 166-190 illus. English summary.

The hoard of bracteates excavated in 1974 at the Cistercian Abbey of Wąchock, Poland, consisted of 16 pieces of previously unknown types. The coins depict God's blessing hand, Dexter Domini, the mitred head, double cross, a cross crosslet encircled with legend **MONETA GERH(ardi)**, attributed to the Abbot Gerhard of Wąchock of the 1230s or to someone earlier with the same name.

(Andrzej Mikołajczyk)

571 BLANCO GARCIA, J.F. Single Finds of medieval coins from Coca. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 361-379.

The author studies the monetary circulation in Coca (Segovia) using 219 coins, dating from 1073 to 1474.

(Leandre Villaronga)

572 BUROSE, HANS. Die lokalthistorische Bedeutung und Münzprägung im Oberharz, dargestellt am Beispiel der Geschichte der Zellerfelder Münze. *Mitteilungsblatt der TU Clausthal* No. 57 (Clausthal, Technische Universität 1984) pp. 24-30 illus.

The history of the mint of Zellerfeld, which struck for the duchies of Brunswick from 1601 to 1789, is outlined.

(Peter Ilisch)

573 CASTAN, CARLOS. Historia de un resello inédito, concedido al Gobierno Mexicano de Don Agustín de Iturbide, para la circulación de sus monedas en España. *SocNumMéxico Bol* Vol. 17 No. 125 (Oct.-Dec. 1984) pp. 95-96. English and Spanish.

A previously unknown edict of the Spanish government, approved by King Ferdinand VII, which grants permission for circulation in Spain of Don Agustín de Iturbide's coinage, is discussed.

(Miguel L. Muñoz)

574 CHAVES, Ma.J. and CHAVES, R. Nuevas aportaciones al Corpus de la moneda visigoda. *ActaNum* Vol. 16 (1986) pp. 105-112 illus.

The author publishes 16 coins which were either heretofore unpublished or very rare.

(Leandre Villaronga)

575 CIPOLLA, CARLO M. *La moneta a Firenze nel Cinquecento*. (Bologna, Il Mulino 1987) 178 pp.

The monetary history of Florence in the 16th century from the consequences of the great influx of silver from America to the banking crisis of the second half of

the century is studied by the author. From these events emerges a complex overview of the economic life of the city in which international pressures—diverse, heterogeneous land agents and political/financial ambassadors—come into play. The conflicts among the great personalities of the time are discussed.

(Andrea Carignani)

576 COMAS, R. L'emissió de Sisens a terrassa a la Guerra dels Segadors. *ActaNum* Vol. 16 (1986) pp. 397-402 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 161-170).

577 CONFALONIERI, LUISA, CRIPPA, ROBERTO, and MILAZZO, MARIO. Analisi X.R.F. sulle monete auree longobarde delle Civiche Raccolte Archeologiche di Milano. *NotChiestroMonMagg* Vol. 27-28 (1986) (Milan, 1987) pp. 19-33.

On the basis of an X.R.F. (x-ray fluorescence) analysis, the authors offer new data on the quality of the alloy and the diminishing of the quantity of gold in Lombard coinage.

(Andrea Carignani)

578 *Corpus Nummorum Saeculorum IX-XI Qui in Suecia Reperti Sunt. Catalogue of Coins from the Viking Age Found in Sweden.* Edited by Brita Malmer. 3. Skåne; 4. Maglarp-Ystad. (Stockholm, 1987) 271 pp. illus.

Seventy-one hoards are published in this new volume of the corpus of coins from the Viking Age found in Sweden.

(Ulla Westermarck)

579 CORREIA NORAS, J.Ma. A new hypothesis on the origin of the Real issued in the name of Beatriz, queen of Castile and Portugal. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, Instituto de Sintra, Portugal, 1986) pp. 155-163 illus.

According to the author, the real was struck in Santarém. (Leandre Villaronga)

580 COSTA MAGRO, F.A. Considerations for working hypothesis on the billon coins of the first four kings of Portugal. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (1986) (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, and Instituto de Sintra, Portugal) pp. 215-237.

The author studies statistically the weights of the copper coins of these reigns.

(Leandre Villaronga)

581 CRIPPA, CARLO. *Le monete di Milano dai Visconti agli Sforza dal 1329 al 1535.* (Milan, Carlo Crippa 1986) 365 pp. illus.

The first volume of a work of large magnitude which covers the activities of the Milan mint from 756 to 1893 is published. The issues of the Visconti and the Sforza are treated analytically with a great deal of data and bibliography.

(Andrea Carignani)

582 CRUSAFONT I SABATER, M. and ESCUDERO I BARTROLI, J. Camprodon, Granollers, Puigcerdà i Valls: tres tipus inèdits i una rectificació. *ActaNum* Vol. 16 (1986) pp. 159-173 illus.

This study is an in-depth analysis of these coins. (Leandre Villaronga)

583 CRUSAFONT I SABATER, M. Dos tipus monetaris inèdits del Comtat d'Empúries. *ActaNum* Vol. 16 (1986) pp. 143-148 illus.

The author discusses the attribution of these coins to the different counts of Ampurias. (Leandre Villaronga)

584 CRUSAFONT I SABATER, M. Identificació del diner de Sant Feliu de Guixols. *Estudis sobre temes del Baix Empordà* Vol. 5 (Institut d'Estudis del Baix Empordà, Sant Feliu de Guixols 1986) pp. 79-86.

Coinage counterstamped in 1484 above a "rocaerti" with the letters S-F relate to Sant Feliu de Guixols. (Leandre Villaronga)

585 CRUSAFONT I SABATER, M. Les emissions numismàtiques. Estat de la qüestió. *ActaNum* Vol. 16 (1986) pp. 247-251 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 15-19).

The author describes the coins of the Great Catalan Rebellion, Guerra del Segadors, 1640-1652. (Leandre Villaronga)

586 CRUSAFONT I SABATER, M. and BALAGUER I PRUNES, A.M. Les monedes de Manresa. *Dovella* Second series, Vol. 7 No. 22 (April 1987) (Manresa, Revista Cultural de Catalunya Central) pp. 5-7.

The coinage of Manresa was able to survive, but at the present time none is recognized, since the context is not favorable. (Leandre Villaronga)

587 CRUSAFONT I SABATER, M. Les monedes i medalles de Cardona. *Cardona* No. 4 (Dec. 1986) (Cardona, Patronat Municipal de Museus) pp. 37-48.

The author discusses the coins of the Viscount of Cardona and the pallofas struck in Cardona, the Civil War bank notes and the commemorative medals of the 1711 siege. (Leandre Villaronga)

588 CRUSAFONT I SABATER, M. Problems of chronology in the coinages of the Catalan-Aragonese crown: the series of the florins of Majorca issued in the name of Martí. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 103-139.

The florins struck in the name of Martí during the reigns of his 2 successors, Fer-

dinand I and Alphonse IV, are difficult to attribute. The author presents a solution with documentary evidence.
(Leandre Villaronga)

589 CRUSAFONT I SABATER, M. The issues of Perpignan of James III of Majorca and the differentiation between the coinages of James II and James III. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 71-102 illus.

In the numismatic series of 1300-1344, it is difficult to distinguish the coinages of the two James. The relation of these coinages to those of Perpignan is discussed.
(Leandre Villaronga)

590 DALLE VEGRE, ANNA PIA. Indagine analitica di dispersione X mediante microsonda elettronica condotta su un probabile nucleo di ripostiglio franco-iberico del secolo XVI. *NotChiostrMonMagg* Vol. 27-28 (1986) (Milan, 1987) pp. 41-52 illus.

The analysis conducted on the encrustation of the surface of numerous French, Flemish and Spanish coins, kept near Civiche Raccolte Numismatiche di Milano, corroborated the probable provenance of a unique hoard deposited toward the end of the 16th century.
(Andrea Carignani)

591 DALLE VEGRE, ANNA PIA and VAJNA, EUGENIO. Ripostiglio di Via Larga (Milano) 1967. Imitazioni, contraffazioni e falsificazichi di trilline di Filippo II: zecche di Bozzolo, Desana, Frinco e Passerano. 2. Considerazioni archivistiche. *NotChiostrMonMagg* Vol. 27-28 (1986) (Milan, 1987) pp. 77-86 illus.

The author uses archival material relating to the coinage of the Duchy of Milan in order to trace a history of the political, economic-financial activity of the mint.
(Sara Sorda)

592 DANNENBERG, HANS-DIETER. Bemerkungen zum Denarfund von Molchow, Kreis Neuruppin (1947), und zu mutmasslichen Denarprägungen in der früheren Herrschaft Ruppin. *NumBeitr* Vol. 20 No. 2 (1987) pp. 67-76.

The author discusses the denar hoard of Molchow, discovered in 1947, in which 14th century Brandenburg denars predominate. The order of 7 hitherto unknown types is given.
(Paul Arnold)

593 DATZIRA I SOLER, S. Les encunyacions a Manresa durant la Guerra de Separació - fons documentals. *ActaNum* Vol. 16 (1986) pp. 379-384 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 147-152).

594 DAY, J. Catalan minting policy in Sardinia in the wake of the con-

quest, 1324-1331. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 389-400.

The monetary organization after the conquest reveals the consequent economic integration of the island.
(Leandre Villaronga)

595 DEMEY, ANTHONY. De Sint-Andreas-en-Gislenuskerk te Belsele. Archeologische en kunsthistorische studie (Deel 2) [The Church of Saints Andreas and Gislenus at Belsele, East Flanders, Belgium. Study on Archaeology and Art History (Part 2)]. *Annalen van de Koninklijke Oudheidkundige Kring van het Land van Waas* (Postbus 144, B-2700 St. Niklaas, Belgium) Vol. 89 (1986) pp. 5-81 illus.

During the restoration of the tower of the church in 1980 a denier parisis of Louis VII (1137-80) or Louis IX (1226-70) was found.
(Paul Naster)

596 DENGIS, JEAN LUC. Le trésor de Tohogne II. *Vie num* Vol. 37 (1987) pp. 154-157.

82 coins (2 silver and 80 copper) were discovered in a wood in the province Luxembourg, Belgium, in 1986. Most (44) are from Liège; 22 are from Aachen. With two exceptions from the 17th century, the coins date from 1744 to 1794. The hoard was probably deposited in 1794 by an inhabitant fleeing the French invaders. A catalogue of the coins is given.
(Paul Naster)

597 DEPEYROT, G. Les émissions wisigothiques de Toulouse (Vè siècle). *ActaNum* Vol. 16 (1986) pp. 79-104 illus.

On the basis of an exhaustive study of the material and hoards, the author organizes the coinage which was issued in Toulouse, the chronology of which antedates AD 508.
(Leandre Villaronga)

598 DETHLEFS, GERD. *Münsterische Münzen und Medaillen. Führer durch das Münzkabinett im Stadtmuseum Münster*. (Münster, Stadtmuseum 1987) 24 pp. illus. ISBN 3-923166-15-1.

A selection of 30 items from the coin collection of the Münster city museum is illustrated and briefly discussed.
(Peter Ilisch)

599 DHENIN, M. La Guerra des Segadors et la numismatique française. Études et collections. *ActaNum* Vol. 16 (1986) pp. 335-357. (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 103-125).

600 DOMINGO SELLART, F. Diners barcelonins de Jaume II. *ActaNum* Vol. 16 (1986) pp. 149-158 illus.

The author publishes a catalogue and a discussion of the emissions, according to the types of croats of this king.
(Leandre Villaronga)

601 DONINI, AUGUSTO. L'incendio di Ronciglione su una moneta o medaglia del 1799. *Medaglia* Vol. 15 No. 22 (Milan, Johnson Milano 1987) pp. 88-91 illus.

This episode in the history of Ronciglione was revived on the obverse of several pieces in silver and copper, struck in the period of the fall of the Roman Republic. The old debate on the definition of the pieces as coins or as medals ended with the result that the pieces in copper are coins and those in silver, very rare, are medals.
(Sara Sorda)

602 DUGNOILLE, JEAN and JOUS, LÉON. Le journal de Jacques-Lambert d'Aye, curé de Lessines de 1731 à 1778. *Annales du Cercle royal d'Histoire d'Ath et de la région* (38 rue du Chapelain, B-7800 Ath, Belgium) Vol. 50 (1984-1986) pp. 35-156 illus.

The diary of a priest, native of Mons (Belgium), is interesting for its details concerning 18th century prices, expenses and coin circulation throughout Europe. The diary is edited and discussed.
(Paul Naster)

603 DYGO, MARIAN. *Die Münzpolitik des Deutschen Ordens in Preussen in der ersten Hälfte des 15. Jahrhunderts.* (Warsaw, Warsaw University Fasciculi Historici 14, 1987) 98 pp.

The monetary history of the Teutonic Order in the first half of the 15th century may be understood in several stages: (1) the dynamic output of shillings in 1409-1411; (2) the crisis after the Tannenberg battle of 1410, which caused the debasement of Teutonic coinage in 1411-1416; (3) the troubles accompanied by the changes in the gold and silver ratio in 1416-1441; and, (4) the partial disintegration of mintage prior to the 13 Years War.
(Andrzej Mikołajczyk)

604 DYGO, MARIAN. Szlachta a pieniądz w krajach nadbałtyckich w XV i na początku XVI wieku [The Gentry and Money in the Baltic Countries in the 15th and Early 16th Centuries]. *WN* Vol. 29, Nos. 3-4 (1985, publ. 1987) pp. 106-118. English summary.

By presenting different political and economic structures, the author discusses the gentry's undertakings intended to stop the devaluation of currency in the Baltic countries from Livonia to Mecklenburg. Successive efforts to introduce monetary reforms, which took place in the state of the Teutonic Order in 1415-16, in Livonia in 1422, and in other countries, demonstrate that the gentry would not support the position either of the rulers or of the towns.
(Andrzej Mikołajczyk)

605 EHREND, HELFRIED. *Schüsselpfennig.* (Speyer, Numismatische Gesellschaft Speyer e.V. 1982) 28 pp. illus.

The history of bowl-shaped pfennigs is surveyed, with emphasis on their introduction up to the early 16th century and in the Palatinate.
(Peter Ilisch)

606 EKMAN, MARTIN. Georg Stiernhielm och tanken på ett decimalsystem i svensk mynträkning på 1600-talet [Georg Stiernhielm and

the Idea of a Decimal Coinage in Sweden in the 17th Century]. *SNT* No. 4/5 (1987) pp. 160-161.

The author examines in three articles various arguments for a decimal coinage in Sweden brought forward by Stiernhielm, Faggot and Lefrén. See *NL* 119-607 and 119-608.
(Harald Nilsson)

607 EKMAN, MARTIN. Jacob Faggot och förslagen till ett decimal-system i svensk mynträkning på 1700-talet [Jacob Faggot and the Suggestions for a Decimal Coinage in Sweden in the 18th Century]. *SNT* No. 6 (1987) pp. 184-185.

608 EKMAN, MARTIN. Johan Peter Lefrén och hans engagemang för decimalsystemet i svensk mynträkning på 1800-talet [John Peter Lefrén and His Engagement in a Swedish Decimal Coinage in the 19th Century]. *SNT* No. 7 (1987) pp. 218-219.

609 ENGEN, LUC. Une monnaie liégeoise inédite. *BullInstArchLiégeois* Vol. 95 (1983) pp. 123-125 illus.

An unknown groat of Jean d'Arckel (1364-78) is published. The coin was struck in the mint of St. Peter near Maastricht, which had its main activity from 1373 to June 1376.
(Paul Naster)

610 ENGLER, ALIA. I bronzi di Bernardino Arrigoni. *La sezione gonzaghesca (Monete, medaglie, pesi e misure mantovane nell'età dei Gonzaga)*. (Mantua, Museo Civico di Palazzo Te 1987) pp. 205-235 illus.

The author publishes an excellent work, together with 22 photographs of units of weight (6 examples), of capacity (12), the length (2), a model for roof tiles and one for bricks, made in Mantua in 1554 during the regency of Cardinal Ercole Gonzaga. The objects, all in bronze, were made by the lost wax process, clearly carrying marks of the measurements they represent—either in Latin or in Latin and contemporary Italian—as well as the year in which they were made. The measuring vessels are in the shapes of either an amphora or a xous, richly decorated. The objects are attributed to Bernardino Arrigoni.
(Sara Sorda)

611 ERCOLANI COCCHI, EMANUELA. La moneta mantovana: immagine e storia di un casato e di una città. *La sezione gonzaghesca (Monete, medaglie, pesi e misure mantovane nell'età dei Gonzaga)*. Edited by Alia Engler *et al.* (Mantua, Museo Civico di Palazzo Te 1987) pp. 13-27 illus.

The brief history of the coinage of Mantua and its monetary types is given.
(Sara Sorda)

612 FALKENHAUSEN, VERA VON. La circolazione monetaria nell'Italia meridionale e in Sicilia in epoca normanna secondo la documentazione di archivio. *BollNum* Vol. 6-7 (Rome, 1986) pp. 55-79.

The author publishes a list of archival information concerning the circulation of coinage in southern Italy and in Sicily between the middle of the 11th and the end of the 12th century.
(*Andrea Carignani*)

613 FATIA VITAL, N. A guerra dos Segadores Catalaes e a restauração da independencia de Portugal. *Historia e Numismatica. ActaNum* Vol. 16 (1986) pp. 279-290 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 47-58).

614 FATIA VITAL, N. Beja, teve oficina monetária. *Programa de Exposição-Feira, 13-15 Feb. 1987. Beja, Portugal.* (Lisbon, 1987) 4 pp.

The author describes the coinage struck in the Casa de Moneda of Beja, beginning with those of **PAX IVLIA**.
(*Leandre Villaronga*)

615 FATIA VIDAL, N. I - Vintems de Esfera da Oficina monetaria da Pôrto. *Moeda* Vol. 12 No. 3 (May/June 1987) pp. 69-74.

The author publishes the first part of a study, which presents the vintems of the mints Pôrto and Lisbon, the **LA** and **LB**.
(*Leandre Villaronga*)

616 FELICI, GIUSEPPE. La zecca del Principato di Piombino sui documenti dell'Archivio Boncampagni Ludovisi. Introduzione e commento al tomo II delle monete e zecche di Guid'Antonio Zanetti. *Le monete di Piombino dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini 1987) pp. 107-143.

The author publishes the 18th century correspondence between G.A. Boldrini of Bologna, who wrote in the name of G.A. Zanetti, his friend, and Carlo Rosa Somasca, archivist of the Ludovisi princes at Rome, and that between Carlo Rosa Somasca and Dr. G. Valente of Piombino, which was variously used by G.A. Zanetti in his work.
(*Sara Sorda*)

617 FERRARO VAZ, J. and SALGADO, JAVIER. *Livro das Moedas de Portugal.* (Braga, 1987) 608 pp. illus.

The authors publish a catalogue of the coinage of Portugal with their values, including the most recent coins.
(*Leandre Villaronga*)

618 FERRI, LUCIO, Editor. *Nuovo schedario della Biblioteca.* (Milan, Società Numismatica Italiana 1982) 144 pp.

619 FITZGERALD, THOMAS F. The Solemn Procession: Coinage of the Papal Mints. *CW, World Coins Supplement* (Sept. 1987) pp. 3-41 illus.

The author discusses papal coinage from 657 (Pope Vitalian) to the present (Pope John Paul II).
(*Candace Carter*)

620 FRIEDENBERG, DANIEL M. *Medieval Jewish Seals from Europe.*

(Detroit, Wayne State University Press 1987) 399 pp. illus.

The author illustrates and describes in great detail 177 medieval Jewish personal and official seals and examines their historical, geographical and economic background. This material originates from England, the French-speaking areas, Spain, the Germanic lands, Hungary, Italy and Byzantium. Numismatic sources are used for stylistic and heraldic comparisons. 30 ancient and medieval coins and 2 Renaissance medals are illustrated. The significance of seals in the different geographical regions is sketched, as is the economic, civic and cultural background of the Jewish settlements involved. An extensive bibliography and a general index are appended; a number of maps appear in the text. (Mark M. Salton)

621 GARCIA GARRIDO, M. and VILLARONGA, L. Estimació del volum de l'emissió de cinc rals a les seques de Barcelona i Girona. *Acta Num* Vol. 16 (1986) pp. 327-333 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 95-101).

622 GHYSSENS, JOSEPH. Le marc de la monnaie des Pays-Bas. *Vie num* Vol. 37 (1987) pp. 183-185.

The author examines the history and exact weight of the mark used in The Netherlands in the 16th century and particularly in the 18th century. In comparison with that of Paris in 1529 and in 1756, it was found to be slightly heavier. Although coins up to 1756 are heavier than the mark of Paris, this one may have been struck after that date. (Paul Naster)

623 GILLES, KARL-JOSEF. Fundmünzen der salischen Kaiserzeit aus dem Trierer Land. *Funde und Ausgrabungen im Bezirk Trier* Vol. 18 (1986) (or *KurtrierJ* Vol. 26) pp. 48-53 illus.

Coin finds from the Trier area (19 stray finds and 1 hoard), dating from 1024 to 1125, are catalogued. The 19 were excavated in Trier; the hoard in Bitburg. More than 80% of the coins are from the mints of Trier and Echternach. Among them are 3 forgeries and 8 cut coins. (Christian Stoess)

624 GIONFINI, MARIO. Milano 1412. Osservazioni sulle monete di Estore Visconti. *RIN* Vol. 88 (1986) pp. 229-234 illus.

A chapter of the history of Milan is related by means of the issues of Estore Visconti. (Andrea Carignani)

625 GIOVETTI, PAOLA. Catalogo della sezione numismatica. *La sezione gonzaghesca (Monete, medaglie, pesi e misure mantovane nell'età dei Gonzaga)*. (Mantua, Museo Civico di Palazzo Te 1987) pp. 39-172 illus.

The author publishes a catalogue of the municipal numismatic collection of Mantua in the Palazzo Te. In the collection are examples of the mint of Mantua (12th-18th century) and of minor mints, such as Sabbionete, Guastalla and others. In addition, medals which refer to the Gonzaga, dies, punches, seals (16th-18th centuries) are included. (Sara Sorda)

626 GOMES MARQUES, M. Currency patterns in Portugal during the second half of the thirteenth century. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 401-416.

The author states that 94% of the coinage in circulation was Portuguese copper coins. (Leandre Villaronga)

627 GOMES MARQUES, M.M. Laws reviewing rents as sources of numismatic information. *Problems of Medieval Coinage in the Iberian Area* Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain, and Instituto de Sintra, Portugal, 1986) pp. 31-42.

The drop in the value of money by reducing its value results in losses for landlords; a study of the laws that pertain to this phenomenon.

(Leandre Villaronga)

628 GOMES MARQUES, M. and GOMES MARQUES, T. The attribution of the *Tornès* issued in the name of Dinis king of Portugal. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 141-153 illus.

The problem of the *tornès* which relates to King Dinis or the homonymous Infante, pretender to the throne upon the death of D. Fernando, is discussed. The authors conclude that the authentic coinage belongs to the king.

(Leandre Villaronga)

629 HAHN, WOLFGANG. Beiträge zu einem Stempelcorpus der bayerischen Münzen des 10. und 11. Jahrhunderts: 6. Die Regensburger Münzprägung in den Jahren 983-995. *JNG* Vol. 35 (1985) pp. 59-72 illus.

This sixth contribution to a die corpus is based on 637 coins for Regensburg in the years 983-995. A die analysis shows that, although by the beginning of Swedish hoards there is a large quantity of material, there is no increasing number of dies for the time of the second reign of Henry II in 985/995. There is an unaltered figure of a yearly production of denarii of ca. 110,000 pieces. For the preceding short reign of Henry III (983-984), figures are atypical, because, on the one hand, there is a shortage of surviving material caused by the low standard of coinage, and, on the other hand, those dies used had not been worn out in their short period of striking.

(Author; Trans. B. Overbeck)

630 HAHN, WOLFGANG. Symbol- und Formelhaftigkeit in der bayerischen Münztypologie des 10. Jahrhunderts. *JNG* Vol. 35 (1985) pp. 73-76.

The idea on which the placing of ornaments in the cross-segments of Bavarian coins from 895-1026 is based, is explained by the composition of the types based on the formal design of documents (invocatio, corroboratio) en miniature.

(Author; Trans. B. Overbeck)

- 631** HERNESHEN, RON. Historical List No. 14; Rulers of France Since 987. *CNJ* Vol. 32 No. 9 (Oct. 1987) pp. 407-409.

The author lists the kings of independent France, beginning with the Capetian dynasty (987) through the Fourth Republic (1958). (Candace Carter)

- 632** Historische Münzstätte auf dem Territorium der DDR. Teil 1. *NH* Vol. 22 (Berlin 1987) 96 pp.

The individual mints within the borders of the German Democratic Republic, their length of operation and weight standards are treated. (Paul Arnold)

- 633** ILISCH, PETER. Westfälische Münzgeschichte der Neuzeit vom 16. bis zum 18. Jahrhundert. *Bildehefte des Westfälischen Landesmuseum für Kunst und Kulturgeschichte* No. 19 (Münster, Westfälisches Landesmuseum für Kunst und Kulturgeschichte 1982) 34 pp. illus.

The development of coinage, mint technique and circulating currency in Westphalia from the 16th to the early 18th century is surveyed. A list of the mints operating at that time in Westphalia is added. (Author)

- 634** K(LEIN), U(LRICH). Das Münzwesen in Württemberg und Baden zwischen 1750 and 1837/38. *Baden und Württemberg im Zeitalter Napoleons. Vol. 1 Na. 1.* (Stuttgart, Württembergisches Landesmuseum Stuttgart 1987) pp. 364-387 illus. ISBN 3-922608-44-2.

The period of the Konventionstaler, introduced in 1753, and that of the Kronentaler, struck in southern Germany from 1809 onwards, reform experiments in the 1820s and the Munich Dresden treaties of 1837 are surveyed and illustrated by a selection of coins from southern Germany. (Peter Ilisch)

- 635** KLEIN, ULRICH and SCHÄFER, HARTMUT. Der Münzschatz von Marbach a.N., Kreis Ludwigsburg. *Archäologische Ausgrabungen in Baden-Württemberg 1986*. Edited by Landesdenkmalamt Baden-Württemberg et al. (Stuttgart, Konrad Theiss Verlag 1987) pp. 296-301 illus. ISBN 3-8062-0500-0; ISSN 0724-8954.

A preliminary report concerning a hoard of 1,004 gold coins, found in Marbach in 1986, is given. The coins, mostly golden guilders, date from ca. 1340 to 1395: 69 are from Cologne; 120 from Trier; 129 from Mainz; 203 from the Palatinate; 37 from various other German mints; 5 from The Netherlands, Lorraine, Avignon and Aragon; 23 from Austria; 76 from Bohemia; 315 from Hungary; and, 27 from Italy. (Peter Ilisch)

- 636** KLOTZ, EVA. Myntskatten från Fyrunga i Västergötland [The Coin Hoard from Fyrunga, Province of Västergötland, Sweden]. *SNT* No. 7 (Oct. 1987) pp. 220-221.

A preliminary report on a find of 35 Viking Age coins found at Fyrunga in 1986 is published. 70 coins from this period, 3 pieces of hack-silver and a silver crucifix

have earlier been found at the same site and are now in the Archaeological Museum, Gothenburg. (Ulla Westermarck)

637 KOCH, BERNARD. Polskie monety w obiegu pieniężnym Austrii [The Polish Coins in the Monetary Circulation of Austria]. *WN* Vol. 29, Nos. 3-4 (1985, publ. 1987) pp. 217-220. German summary.

The Polish coins recorded in the hoards and written records of late 16th and 17th century Austria are surveyed. (Andrzej Mikołajczyk)

638 KOPPATZ, JÜRGEN. Zum preussischen Münzwesen unter König Freidrich II. Märkische Heimat. *Beiträge zur Heimatgeschichte des Bezirkes Potsdam* No. 6 (Potsdam, 1986) pp. 36-56.

The report contains a brief description of the Prussian monetary system under Frederick the Great, based on Schrötter's fundamental work, concerning the Prussian system in the 18th century. (Paul Arnold)

639 KURPIEWSKI, JANUSZ. Nowa odmiana grosza krakowskiego Kazimierza Wielkiego [A New Variety of Casimir the Great's Cracow Grossus]. *WN* Vol. 29, Nos. 3-4 (1985, publ. 1987) pp. 191-192 illus. English summary.

A new variety of the Cracow grossus struck by Casimir the Great (1333-1370) is presented. (Andrzej Mikołajczyk)

640 LAERE, RAF VAN. Muntheren, hagemunters en valsmunters in Limburg. Enkele theoretische beschouwingen [Regular Coin Seigniors, Local Coin Issuing Authorities and Counterfeiters in Limburg. Some Theoretical Reflections]. *Limburg* Vol. 64 (1985) pp. 44-57.

In Limburg (Belgium), from the 13th to the late 18th century, regular coins were struck in at least 30 localities by more than 10 regular coin seigniors. The greatest number was in the 15th century. Imitators and counterfeiters were very active. (Paul Naster)

641 LAUERWALD, PAUL. Die Brüder Dittmar - zur Biografie zweier in Nordthüringen tätiger Münzmeister. *Mühlhäuser Beiträge* No. 9 (Mühlhausen, 1986) pp. 43-48.

The author discusses the energetic mint masters Andreas and Johann Dittmar, who worked during the second kipper period, which prevailed in the north Thuringia region. (Paul Arnold)

642 LAUERWALD, PAUL. Zu ausgewählten Veröffentlichungen zur Münz- und Geldgeschichte 1984 bis 1986: Literaturbericht. *Eichsfelder Heimathefte Worbis* Vol. 27 No. 1 (Pädagogisches Kreiskabinett Worbis in Verbindung mit dem Kulturbund der DDR, 1987) pp. 67-73.

The author critically discusses several new works which describe the coinage and

medals of Heiligenstadt.

(Paul Arnold)

643 LAUERWALD, PAUL. Zur Zuordnung der Kipper-Zwölfkreuzer-Prägungen des Herzogs Friedrich Ulrich von Braunschweig-Wolfenbüttel aus der Grafschaft Hohnstein. *Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen* No. 11 (1986) pp. 80-84.

The author attempts to order the kipper coinage of the mints of Ellrich and Lipprechterode in the Brunswick county of Hohnstein.

(Paul Arnold)

644 LAUTZ, THOMAS. Schwedisches Plattengeld. Vollwertiges Zahlungsmittel, Notgeld oder "kurioses" Geld? *GN* Vol. 22 No. 121 (1987) pp. 207-209 illus.

645 LEYDA Y DAMIA, J.M. A Valencian Nest of Weights. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 211-214.

The author discusses a piece marked with the number 16 weight 236.410 g.

(Leandre Villaronga)

646 LEYDA DAMIA, J.Ma. Medio Gros inédito de Carlos II de Navarra. *GacNum* Vol. 85 (1987) pp. 19-21 illus.

647 LIBERO MANGIERI, GIUSEPPE. Gruzzoli di monete medioevali e moderne rinvenuti nel Castello di Salerno. *BollNum* Vol. 6-7 (Rome, 1986) pp. 205-230 illus.

The author publishes the coins of 3 hoards found and kept in the Castello di Salerno. He discusses the following coinage: 34 deniers struck in the mint of Rouen and deposited in 1137, 21 Norman tari of Sicily, dating 11th-12th centuries, 23 Italian coins of the Renaissance (1392-1534) and 1 series of sporadic finds.

(Andrea Carignani)

648 LIBERO MANGIERI, GIUSEPPE. I follari di Gisulfo II e Roberto il Guiscardo. *RIN* Vol. 88 (1986) pp. 105-122 illus.

The author publishes 24 new coins of Gisulf II and Robert Guiscard, overstruck on Byzantine and Salernian coins.

(Andrea Carignani)

649 LIPÍŃSKI, MIECZYŚLAW. *Okolicznościowe i pamiątkowe monety srebrne współczesnej Austrii 1955-1983* [Commemorative Silver Coins of Contemporary Austria 1955-1983]. (Posnan, 1984) 54 pp. illus.

The author publishes a catalogue of 79 commemorative silver coins struck in Austria between 1955 and 1983.

(Andrzej Mikołajczyk)

650 LIPS, H. Les légendes hébraïques dans les monnaies aux XVIe et

XVIIe siècles. *Vie num* Vol. 37 (1987) pp. 79-89 illus.

During the religious wars in and around Germany in the 17th century, the name Jehovah was written in Hebrew on several coins struck for Denmark, Brandenburg and Sweden.
(Paul Naster)

651 LLOBET I PORTELLA, J.Ma. L'expedient de l'autorització d'encunyació de moneda a Cervera durant la Guerra dels Segadors. *ActaNum* Vol. 16 (1986) pp. 367-373 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 135-141).

652 LOPEZ DE LERENA, JAVIER. Panorama Histórico Numismático de España, siglo XV y principios del XVI. *SocNumMéxico Bol* Vol. 17 No. 130 (Jan.-March 1986) pp. 5-27 illus. English and Spanish.

A brief, but precise, history of the coinage of the Iberian peninsula from the Middle Ages to Ferdinand and Isabella up to the time of the conquest of Mexico is given.
(Miguel L. Muñoz)

653 MAKSIĆ, MIODRAG M. Koga optužuje Dante Aligijeri [Whom Does Dante Alighieri Accuse?]. *Numizmatičar* Vol. 8 (1985) pp. 62-69 illus. English summary.

The author believes that Dante Alighieri accused King Dragutin of forgery in his *Divina Commedia*. The coins of King Dragutin with the inscription **STEFAN RVX (DVX) STEFAN** were, understandably, of lesser quality than the Venetian standard, but they were not truly false coins. The officials of Venice and Dubrovnik withdrew them from circulation and destroyed them.
(D. Gaj-Popović)

654 MALMER, BRITA. Myntfynd i kyrkor [Coin Finds in Churches]. *hikuin* Vol. 12 (1986) pp. 119-124 illus.

The author discusses various aspects concerning coin finds from churches, emphasizing the importance of a close cooperation between archaeologists and numismatists.
(Ulla Westermarck)

655 MALMER, BRITA. Some Scandinavian Long Cross Imitations from Early in the Reign of Cnut. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 154-162 illus. Polish summary.

The author discusses the Long Cross imitations of the EDEDO group from 39 hoards, buried mainly on Gotland, dating between 1018 and ca. 1120. This series is attributed to the reigns of Sven Forkbeard and Olof Skötkonung.
(Andrzej Mikołajczyk)

656 MARLETTA, CESARE. *La zecca di Civitavecchia. Una pagina di storia cittadina 1796-1799.* (Civitavecchia, Cassa di Risparmio di Civitavecchia 1987) 115 pp. illus.

A historical reconstruction of the events of the mint of Civitavecchia, established in 1796 by Pius VI, suppressed in the following year and then reopened by the government of the Roman Republic.
(*Andrea Carignani*)

657 MARTIN, GERHARD. Wann prägte Ulrich Gebhardt den seltenen Klappmützentaler? *NumBeitr* Vol. 19 No. 4 (1986) pp. 31-32.

On the basis of research conducted in the Weimar state archives, the author was able to determine that the Saxon klappmützentaler was struck by the Leipzig coin master Ulrich Gebhardt between 1523 and 1525.
(*Paul Arnold*)

658 MARTIN, JEAN-MARIE. Le monete d'argento nell'Italia meridionale del sec. XII secondo i documenti di archivio. *BollNum* Vol. 6-7 (1986) pp. 85-96.

On the basis of the written documentation, the principal evidence concerning the circulation of silver coinage in southern Italy in the 12th century from the reform of Roger II to the arrival of the French deniers is collected and illustrated.
(*Andrea Carignani*)

659 MARTINI, RODOLFO. Ripostiglio di Via Larga (Milano), 1967. Imitazioni, contraffazioni e falsificazioni di trilline di Filippo II: zecche di Bozzolo, Desana, Frinco e Passerano. 1. Considerazioni numismatiche. *Not-ChiostroMonMagg* Vol. 27-28 (1986) (Milan, 1987) pp. 53-76 illus.

A hoard of more than 24,000 trilline was found at Milan in a well of the Roman period. 10,000 examples already cleaned have yielded several results: counterfeits, imitations and forgeries, which are all in copper, but not in the same standard. The coins of Milan are silver and were struck in the mint of Desana. The coins manifest diversity among the various types, notwithstanding that they may have appeared identical in the eyes of the contemporary people, who defined foreign money as base and did not distinguish between the imitations of counterfeiters and forgers. (*Sara Sorda*)

660 MATEU Y LLOPIS, F. Del Comitatus Barchinone al Principatus Cataloniae. *ActaNum* Vol. 16 (1986) pp. 263-278 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 31-46).

661 MATTIAS, P., MAURA, G., RINALDI, G. Indagine sulla composizione di alcuni oggetti in piombo di interesse archeologico o storico, variamente alterati. *RIN* Vol. 85 (1983, publ. 1984) pp. 187-202 illus.

Among the objects analyzed are: (1) a trial piece of 1/4 ducat of Ferdinando Gonzaga (1613); (2) a trial piece of a scudo of Pius VII (1815).
(*Ada Gabucci*)

662 MAUÉ, HERMANN. Ein nicht gemeiner Thaler Heinrich Hermanns Freyherrns in Burgmilchling und Wilhermsdorf. *Monats Anzeiger* No. 56 (Nuremberg, Germanisches Nationalmuseum, Nov. 1985) p. 450 illus.

- 663** METCALF, DAVID MICHAEL. Ritrovamenti di monete del Regno di Sicilia negli stati crociati d'Oriente. *BollNum* Vol. 6-7 (1986) pp. 81-84.

The author collects the evidence on the diffusion of Sicilian coinage in the Latin Kingdom of Jerusalem, in the Kingdom of Cyprus and in the crusader states in Greece.
(*Andrea Carignani*)

- 664** METCALF, D.M. Some geographical aspects of early medieval monetary circulation in the Iberian Peninsula. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia e Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 307-324.

The author studies the areas of circulation of the coins by maps of hoard distribution.
(*Leandre Villaronga*)

- 665** MIKOŁAJCZYK, ANDRZEJ. Between Elbe and Vistula: The Inflow of German Coins onto the West Slavonic Lands in the 10th and 11th Century. *Acta Praehistorica et Archaeologica* Vol. 16/17 (Berlin, Wissenschaftsverlag Volker Spiess 1984/85) pp. 183-201 illus.

An analysis of the German coins from 10th and 11th century hoards in western Slavonic territories show that there were 2 import routes—a water way via Pomerania and a land way via the south, which brought in mostly Bavarian coinage. Coinage from eastern Saxony, i.e., the region neighboring the Slavs, predominates over all other regions. The distribution of the “Sachsenpfennige” is discussed, as is the development of an independent Polish coinage. Attention is paid to the unsolved question of imitation coinage.
(*Peter Ilisch*)

- 666** MIKOŁAJCZYK, ANDRZEJ. Brakteaty piastowskie ze skarbu z Głębokiego w zbiorach Królewskiego Gabinetu Monet w Sztokholmie [The Piast Bracteates of the Głębokie Hoard in the Collection of the Royal Coin Cabinet in Stockholm]. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 163-165 illus. English summary.

The author discusses a small part of the late 12th century hoard of Polish bracteates (27 pieces), unearthed in 1872 in Głębokie, Great Poland, which is in a Swedish collection.
(*Andrzej Mikołajczyk*)

- 667** MIKOŁAJCZYK, A. Medieval coin hoards and the problem of interpretation. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 279-305.

On the basis of the hoards, the author reconstructs the monetary zones which existed in Central Europe in the 14th and 15th centuries. By an interpretation of the hoards, the author discusses the economy and history.
(*Leandre Villaronga*)

- 668** MIKOŁAJCZYK, ANDRZEJ. Problemy monetarne Kalisza w XIV wieku [Monetary Problems of Kalisz in the 14th Century]. *XXXIV Walny*

Zjazd Delegatów PTaiN w Kaliszu. (Kalisz, Polish Archaeological and Numismatic Society 1987) no continuous pagination, illus.

The coin finds and written records are discussed in order to elucidate the monetary problems of Kalisz, Great Poland, in the 14th century. (Author)

669 MOESGAARD, JENS CHRISTIAN. Kirkegulvsmønter fra Gotland [Coins Found on Church Floors on the Island of Gotland]. *NNUM* No. 6 (1987) pp. 139-141 illus.

Ca. 25,000 coins found in 40 churches are treated in a catalogue as to their dates and minting countries. (Bengt E. Hovén)

670 MUSIAŁOWSKI, ADAM. Monety z zamku krzyżackiego w Toruniu [Coins from the Castle of the Teutonic Knights in Torun]. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 213-216. English summary.

The excavations conducted in 1958 and 1966 in the area of the Teutonic castle in Torun revealed 8 coins of the Teutonic Order, 11 Polish and 13 foreign coins from the 15th to the 18th century. (Andrzej Mikołajczyk)

671 MUTTI, ANGELA. Il collezionismo numismatico nella seconda metà del 1700 attraverso un carteggio della Biblioteca Civica di Piacenza. *RIN* Vol. 88 (1986) pp. 143-185.

The edition of correspondence among enthusiastic numismatists reveals through interesting considerations the tastes of the collectors and the way in which collections in Italy were formed in the second half of the 18th century.

(Andrea Carignani)

672 NATKANIEC-FRASIOWA, JÓZEFA. Próbný denar i monety obiegowe Władysława Jagiełły znalezione w Krakowie na Wawelu [The Essay Denar and Circulating Coins of Władysław Jagiełło Excavated at Wawel Hill in Cracow]. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 193-200 illus. English summary.

Excavations of the years 1948-1984 carried out on Wawel Hill in Cracow revealed a number of coins, including those from the reign of King Władysław Jagiełło (1386-1434).

(Andrzej Mikołajczyk)

673 NAVARRINI, ROBERTO. Pesi e misure gonzaghesche. *La sezione gonzaghesca (Monete, medaglie, pesi e misura mantovane nell'età dei Gonzaga)*. Edited by Alia Englen *et al.* (Mantova, Museo Civico di Palazzo Te 1987) pp. 179-202 illus.

The author publishes illustrations of the linear measurements, of surface measurements and of weights in use throughout the centuries in Mantua, on the basis of archival records.

(Sara Sorda)

674 NOLLOMONT, LUC. Houffalize, le pouvoir d'achat aux XVIIe et

XVIIIe siècles. *Vie num* Vol. 36 (1986) pp. 231-244 illus.

The author presents coins in circulation in Houffalize (Luxembourg, Belgium). Prices and fines are compared with them. (Paul Naster)

675 NORTH, MICHAEL. Monety gdańskie w obiegu pieniężnym Prus Królewskich i Książęcych w XVI i XVII wieku [The Gdańsk Coins in Circulation in Royal and Ducal Prussia in the 16th and 17th Centuries]. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 119-128. English summary.

The type of currency circulating in Royal and Ducal Prussia in the 16th and 17th centuries shows a unification with the Polish Crown lands as a result of the monetary union in 1528. Differences are discernible in the gold hoards, frequent in Royal Prussia and absent in Ducal Prussia. The commercial links between Gdańsk and Western Europe influenced the gold mintage of that city. (Andrzej Mikołajczyk)

676 OROL PERNAS, A. The Larache (Morocco) hoard of late fifteenth century Iberian silver coins. *Problems of Medieval Coinage in the Iberian Area*. Vol. 2 (Sociedad Numismática Avilesina, Provincia de Oviedo, Spain; Instituto de Sintra, Portugal, 1986) pp. 381-387 illus.

A hoard of 271 examples, of which 205 are studied, is published. 107 are from Castile-Leon, 71 from Portugal, and the remainder from other European countries. (Leandre Villaronga)

677 OVERBECK, BERNHARD. Hl. Willibald, 787-1987. Darstellungen auf Münzen. *Hl. Willibald, 787-1987, Kündler des Glaubens—Pilger—Mönch—Bischof*. (Exhibition catalogue, Eichstätt 1987) pp. 171-175 illus.

A short introduction concerning the monetary history of the diocese of Eichstätt is given, followed by a description of 11 coins, which mainly depict representations of Saint Willibald. (Author)

678 PELLICER I BRU, J. Nou intent d'apropament a la metrologia de la Guerra de Separació (1640-1659). *ActaNum* Vol. 16 (1986) pp. 291-317 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 59-85).

679 PEREZ-SINCREU, F. DE P. Casa de la Moneda de Sevilla. *GacNum* Vol. 85 (1987) pp. 37-40.

680 PLANES I ALBETS, R. L'encunyació de moneda a Solsona durant la Guerra de Separació (1640-1652). *ActaNum* Vol. 16 (1986) pp. 385-392 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 153-160).

681 PLEZIA, MARIAN. W sprawie częstotliwości wymiany monet w Polsce na początku XIII w. [On the Frequency of the Coin Exchange in Early 13th Century Poland]. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 221-223. English summary.

The author explains the Polish record of 1207, which relates the renovation of coinage thrice annually.
(*Andrzej Mikołajczyk*)

682 POPIOŁ-SZYMAŃSKA, ALEKSANDRA. Metody wyjaśniania zjawisk pieniężnych w rozprawach monetarnych w Polsce od XVI do połowy XVII wieku [Methods of Interpreting Monetary Phenomena in the Polish Monetary Treatises from the 16th to the mid-17th Century.] *WN* Vol. 19 Nos. 3-4 (1985, publ. 1987) pp. 129-151. English summary.

The monetary affairs discussed in the Polish territories of the 16th and 17th centuries emphasized 3 topics: outflow of good coinage/influx of debased coins, debasement of coinage and the increase of exchange rates for the largest denominations. The author analyzes different interpretations economically. (*Andrzej Mikołajczyk*)

683 RÖBLITZ, GÜNTHER. Abriss de Münzgeschichte Arnstadts. *Beiträge zur Heimatgeschichte Stadt und Kreis Arnstadt*. No. 6 (1986) 96 pp. illus.

The author discusses the history of the mint of Arnstadt and its coinage from the 11th century to 1711.
(*Paul Arnold*)

684 RÖBLITZ, GÜNTHER. Die Arnstädter Denare Kaiser Heinrichs III. *NumBeitr* Vol. 20 No. 1 (1987) pp. 18-23.

The author surveys the denars struck by Kaiser Heinrich III in Arnstadt.
(*Paul Arnold*)

685 SCHLEGEL, ALBERT. Drei Miszellen zur kurmainzischen Münzstätte Bingen. *GN* Vol. 22 No. 120 (1987) pp. 168-171 illus.

Like other mints of the Rhenish electors, the Bingen mint issued dated gold guilders in 1436, 1437 and 1438, of which only the 1437 was hitherto known. Additionally, gold guilders, struck in the Bingen mint during the administration of the archbishop of Mainz (1373-79) of hitherto unknown type, are published and compared with other guilders bearing no mint name. Two unknown guilders, struck between 1454 and 1459, which demonstrate that the Bingen mint did operate at that period, are also published.
(*Peter Ilisch*)

686 SCHNEIDER, KONRAD. Untersuchungen zum Umlauf mecklenburg-schweriner Kurantschillinge in Hamburg und Umgebung im 19. Jahrhundert bis zur Einführung der Reichswährung. *Baltische Studien* New series, Vol. 72 (Stettin, Gesellschaft für pommersche geschichte und altertumskunde 1986) pp. 91-103 illus.

In 1826 a forger producing 18th century schillings of Mecklenburg-Schwerin was arrested. An investigation of the circulation of such schillings and other small change in Hamburg, its environs and Schleswig-Holstein was then undertaken from the end of the 18th century until 1873.
(*Peter Ilisch*)

687 SCHROCK, U.E.G. "Neuwe Müntze schlag ich" — zu einem

Epigramm auf Heinrich d.J. von Wolfenbüttel. *GN* Vol. 18 No. 93 (1983) pp. 8-10 illus.

The author claims that a satirical verse relating to Duke Heinrich the Younger of Brunswick and his new coinage can be understood within the context of the reverses of his coins. The coins were used as propaganda in the duke's dispute with the Protestant forces. *(Peter Ilisch)*

688 ŚEFČÍK, ERICH. Przyczynek do wyobrażeń heraldycznych na pieczęciach, monetach i medalach Piastów cieszyńskich [Contribution to the Development of the Heraldic Displays on the Cieszyn Piasts' Seals, Coins and Medals]. *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) pp. 1-6 illus. English summary.

The heraldic displays on the seals, coins and medals issued by the Piast princes of Cieszyn, Silesia, in the 15th-17th centuries consist mainly an eagle bearing different shields on its breast. *(Andrzej Mikołajczyk)*

689 SERAFIN PETRILLO, PATRIZIA. Le monete argentee dei Normanni di Sicilia nella collezione di Vittorio Emanuele III di Savoia. *BollNum* Vol. 6-7 (Rome, 1986) pp. 97-126 illus.

The author publishes remarks on the issues of the silver Norman coinage of the Kingdom of Sicily on the basis of the classification of examples of these types which were in the collection of Victor Emmanuel III. *(Andrea Carignani)*

690 SZCZUREK, TADEUSZ. Monety odkryte podczas badań wykopaliskowych na terenie stancji rycerskiej w Witkowie, woj. zielonogórskie [Coins Excavated at the Knight's Stronghold at Witków, Prov. Zielona Góra]. *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 201-212 illus. English summary.

The excavations at the medieval and early modern fort in Silesia provided 22 coins struck in late medieval Silesia, Poland and Germany. *(Andrzej Mikołajczyk)*

691 THIERRY, F. Les réaux espagnols et les contramarques chinoises. *ActaNum* Vol. 16 (1986) pp. 175-190 illus.

692 THOMPSON, DAVID. Maria Theresia Talers. *SCMB* No. 878 (March 1987) pp. 47-48; *SCMB* No. 879 (April 1987) pp. 92-100 illus.; *SCMB* No. 821 (June 1987) pp. 156-159 illus.

The author includes the mintage figures. *(Edward Besly)*

693 THÜRY, GÜNTHER E. Eckhel—Gedenkjahr 1987. *Money Trend* Vol. 19 No. 12 (1987) pp. 44-45.

The author briefly discusses the work and life of the Father of Classical Numismatics, Johann Joseph Hilarius Eckhel (1737-1798). *(Candace Carter)*

694 THÜRY, GÜNTHER E. Ein Pfarrer und Lehrer erforschte antike

Münzen. *Turicum* Vol. 18 (1987) pp. 72-74 illus.

The author discusses Johann Jakob Gessner (1707-1787), numismatist from Zurich, on the 200th anniversary of his death. (Candace Carter)

695 THÜRY, GÜNTHER E. Ein Pionier der Antiken Numismatik: Johann Jakob Gessner (1707-1787). *SM* Vol. 37 No. 147 (1987) pp. 66-71.

696 TIJMS, W. De effracties van Tongeren, Sint-Truiden en Hasselt [The Effractiones de Tongeren, Sint-Truiden and Hasselt, Prov. Limburg, Belgium]. *Het Oude Land van Loon* Vol. 41 (Federatie van Geschied- en Oudheidkundige kringen van Limburg, Bampsiaan 4, B-3500 Hasslet, Belgium, 1986) pp. 113-157 illus.

Effractio means to fix the annual prices of different agricultural products based on the prices of the weekly markets in a town. Yearly prices of several kinds of cereals, peas, vetch, rape-seed, hemp are expressed in currency, mostly of Liege or Brabant, for the 15th-18th centuries. Several comparative tables with other currency or the gold prices are given. (Paul Naster)

697 TONDO, LUIGI. La monetazione dei Signori di Piombino: gli Appiani e i Ludovisi. *Le monete di Piombino dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini 1987) pp. 53-58.

The author outlines the activities of the mint of Piombino from 1594, the year in which Jacopo VII Appiani received the privilege of the mint, to Giambattista Ludovisi, under whom the mint was finally closed. The monetary system is placed in relation with the historical events and the economic theory of the epoch. A short history of the studies on the problem follows. (Sara Sorda)

698 TRAVAINI, LUCIA. Falsi e falsari in età normanna e sveva. *BollNum* Vol. 6-7 (Rome, 1986) pp. 127-141 illus.

Forged and counterfeit Norman and Swabian coinage in the medieval age is described. Technical, juridical and economic aspects are discussed. (Andrea Carignani)

699 TRAVAINI, LUCIA. Il ripostiglio di Montecassino e la monetazione aurea dei Normanni in Sicilia. *BollNum* Vol. 6-7 (Rome, 1986) pp. 167-198 illus.

The author discusses the data of the hoard of Montecassino (publ. in 1925) in order to delineate the principal characteristics—typological, technical, metrological—as well as the circulation of the issues of gold coins of the Normans in Sicily. (Andrea Carignani)

700 TRAVAINI, LUCIA. Le monete sveve con leggende arabe nel Regno di Sicilia (1194-1220). *RIN* Vol. 88 (1986) pp. 123-141 illus.

By presenting a new classification of Swabian tarì of the Kingdom of Sicily which were struck under Henry VI and Frederick II, the author concentrates on both the

extreme weight variability of the pieces and the characterization of the slow transformation of the legends from Arabic to Latin.
(*Andrea Carignani*)

701 VAN REY, MANFRED. Kurkölnische Münz- und Geldgeschichte im Überblick. Kurköln Land unter dem Krummstab. Essays und Dokumente. *Veröffentlichungen der staatlichen Archive des Landes Nordrhein-Westfalen, Reihe C*. Vol. 22 (or *Schriftenreihe des Kreises Viersen* Vol. 35a) (Kevelaer, Verlag Butzon and Bercker 1987) pp. 281-305 illus.

The monetary history of the archbishopric of Cologne from Charlemagne to the end of the 18th century is surveyed. Foreign currency circulating in their territory is also discussed.
(*Peter Ilisch*)

702 VANNEDERGHEM, CH. Le concours de 1847 pour la gravure des coins des monnaies d'or et d'argent. *Vie num* Vol. 37 (1987) pp. 124-129.

The rules of the competition for the engraving of new dies for the Belgian mint at Brussels in 1847 are published. Some remarks are added about the artist who was classed first among the 10 competitors: Leopold Wiener, who remained the mint engraver until 1865.
(*Paul Naster*)

703 VANNI PECCATORI, FRANCA MARIA. La monetazione dei Baciocchi. *Le monete di Piombino dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini 1987) pp. 59-60.

The author records the successive issues and the chronological relation between the actual completion on the part of the mint and the date (previous) indicated on the coinage. The attribution to Santarelli and Siries of several coins is proposed.
(*Sara Sorda*)

704 VEGUE, P. and PELLICER, J. Universita Vlle Fige. Un ral de cinc inèdit a nom del rei Felip, del fons del Gabinet Numismàtic de Catalunya. *ActaNum* Vol. 16 (1986) pp. 375-378 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 143-146).

705 VILLARONGA, L. Estimació del volum de les emissions dels rals de cinc en el cas de Cervera, Argenton i Mataró. *ActaNum* Vol. 16 (1986) pp. 319-326 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 87-94).

706 VILLARONGA, L. Monedes de la Guerra dels Segadors de l'Arxiu Villaronga. *ActaNum* Vol. 16 (1986) pp. 403-414 (or *III Simposi Numismàtic de Barcelona* Vol. I, pp. 171-182).

707 VIRK, WOLFGANG. Silberne Scheidemünze für Mecklenburg? Versuch einer Ausprägung in preussischen, sächsischen und hessischen Münzstätten. *NumBeitr* Vol. 20 No. 1 (1987) pp. 23-28.

The author describes the planned silver 10- and 5- penny issues of 1872 of Mecklenburg-Schwerin.
(Paul Arnold)

708 WAHA, MICHEL DE. Le compte communal de Bruges pour 1303 et le siège de Lessines. *Annales du Cercle royal d'Histoire et d'Archéologie d'Ath* (38 rue du Chapelain, B-7800 Ath, Belgium) Vol. 50 (1984-1986) pp. 25-34.

The author publishes documents, with commentary, concerning the expenses of the town of Bruges (Belgium) from 2 Feb. 1303 to 2 Feb. 1304. The expenses are expressed in contemporary currency, related to the siege of Lessines (Hainault, Belgium).
(Paul Naster)

709 WEILLER, RAYMOND. Ein spätmittelalterlicher Münzfund von Büdlich. *Trierer Zeitschrift* Vol. 46 (Trier, Rheinisches Landesmuseum Trier 1983) pp. 247-256.

A hoard of denarii from the first third of the 13th century found at Büdlich (Kreis Trier-Saarburg) in 1908 and consisting mainly of pieces from Trier and Metz is published. This hoard is important for the sequence of the emission-marks on the numerous examples of the first period (1212-ca. 1230) of Dietrich II of Wied, archbishop of Trier (1212-1242).
(Author)

710 WESTERMARK, ULLA. Ett öländskt guldmyntfynd från 1786, beskrivet av Jacob von Engeström [A Hoard of Gold Coins Found on Öland in 1786, Described by Jacob von Engeström]. *NNUM* No. 7 (1987) pp. 154-161 illus.

A fully-illustrated republication of an old hoard of 23 German gold coins from the 15th century is given.
(Author)

711 WIELANDT, FRIEDRICH. Schatzfund Hagenauer Denare aus der Stauferzeit. Nachtrag zu ZGO 130 (1982) S. 324 ff. *Zeitschrift für die Geschichte des Oberrheins* Vol. 134 (Stuttgart, Verlag W. Kohlhammer GmbH 1986) p. 444.

The circumstances of the discovery of a hoard published earlier (see *NL* 114-501) are revealed.
(Peter Ilisch)

712 WISÉHN, EVA. Skatter och myntfynd i Gästrikland [Coins Finds from Gästrikland]. *Från Gästrikland 1986*. (Gävle, 1987) pp. 41-57 illus.

The author has recorded all known coin finds from the province of Gästrikland, Sweden.
(Ulla Westermarck)

713 WITZEL, JÖRG. Das Münzwesen der Landgrafschaft Hessen-Kassel im Vorfeld der Kipper- und Wipperzeit. Studien zu einer Denkschrift des Erasmus von Baumbach aus dem Jahre 1610. *Hessisches Jahrbuch für Landesgeschichte* Vol. 36 (Maburg, Hessisches Landesamt für geschichtliche Landeskunde 1986) pp. 103-134. ISSN 0073-2001.

The author surveys the monetary development in Hesse-Kassel during the period

which precedes the kipper crisis. The differences between the minor silver coinages (Hessen Albus and Frankfurt Albus) are particularly delineated. The historical circumstances surrounding the coinage act of 1610 and its subsequent developments are covered. A presentation by E. v. Baumbach is fully published in an appendix.

(Peter Ilisch)

714 ZOMBORI, LAJOS. Adatok hamis konvenciók huszkrajcárosokhoz [Data on the Counterfeit 20-kreuzers in the Convention System]. *AzÉrem* No. 1 (1987) pp. 11-14.

The author publishes 8 counterfeit 20-kreuzers, which imitate original coins of the mint of Hall, Vienna and Kremnitz, dating to the period 1789-1847.

(István Gedai)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 2, 16, 22, 40.

Technology and Methodology, Nos. 52, 54, 55, 58, 59.

Etruscan, No. 162.

Byzantine, No. 319.

Near and Middle East, Nos. 336, 366.

India, No. 386.

Great Britain and Ireland, No. 549.

Eastern Europe and the Balkans, No. 732.

Medals and Decorations, Nos. 782, 787, 789, 791, 795, 796, 797, 798, 805, 807, 812, 825, 829, 835, 842, 843, 844, 851, 852, 854, 856, 857, 858, 859, 860, 863, 864, 866, 867.

Paper Money, Nos. 874, 904, 905, 907, 908, 916.

Tokens and Jetons, Nos. 932, 939, 942, 951.

EASTERN EUROPE AND THE BALKANS

715 DOTCHEV, CONSTANTIN. Un nouveau type de monnaies bulgares anonymes du XVI s. *Numizmatika* Vol. 21 No. 2 (1987) pp. 31-35 illus. In Bulgarian; French summary.

The author publishes a new type of anonymous Bulgarian coins of the 14th century depicting a seated Christ on the obverse and a standing Archangel Michael on the reverse. The striking of these coins is connected with the Bulgarian patriarchate and the struggle against the different heretical movements (the councils of Tirnovo in 1350 and 1395).

(Jordanka Youroukova)

716 GAJ-POPOVIĆ, DOBRILA. Srpski srednjovekovni novac [Serbian Medieval Coins—From the Collection of Professor P. Grierson]. *Numizmatičar* Vol. 9 (1986) pp. 86-103 illus. English summary.

The collection of Professor Grierson contains 70 different, remarkable and rare medieval Serbian coins.

(Author)

717 HLINKA, JOZEF. Nález mincí v Hlbokom, okres Senica [A Coin Hoard from Hlboké, Dist. of Senica]. *SlovNumiz* Vol. 9 (1986) pp. 269-270.

The find, of which 15 silver coins are known, was deposited in a vessel in the late 17th or early 18th century.
(Z. Nemeškalová-Jiroudková)

718 HLINKA, JOZEF and ŠIŠMIŠ, MILAN. Nález mincí v Otrhánkach, časť obce Halačovce, okres Topoľčany [A Coin Hoard from Otrhánky, Local Com. District Halačovce, Dist. of Topoľčany]. *SlovNumiz* Vol. 9 (1986) pp. 261-262.

The authors discuss a coin hoard of 834 coins, the latest of which dated to 1641, the possible year of burial, which may have been connected with Turkish raids.
(Z. Nemeškalová-Jiroudková)

719 HLINKA, JOZEF. Neznámý kremnický dvojtolar Márie Terézie [An Unknown Double Thaler of Maria Theresa from the Kremnitz Mint]. *SlovNumiz* Vol. 9 (1986) pp. 223-226 illus. Russian and German summaries.

In the Slovakian National Museum at Bratislava there is a previously unknown double-thaler of Maria Theresa. Its issue was very limited as it was struck on the occasion of the coronation of Maria Theresa as the Hungarian queen in 1741.
(Z. Nemeškalová-Jiroudková)

720 HUNKA, JÁN. Hromádný nález medených arpádovských mincí z Bratislavy-Vrakune [A Coin Hoard of Arpadian Copper Coins from Bratislava-Vrakun]. *SlovNumiz* Vol. 9 (1986) pp. 248-249.

A preliminary report on the find of 157 Hungarian copper coins from 1172-1196 is given.
(Z. Nemeškalová-Jiroudková)

721 HUNKA, JÁN. Hromadný nález mincí v Uňatíne, okres Zvolen [A Coin Hoard from Uňatín, Dist. of Zvolen]. *SlovNumiz* Vol. 9 (1986) pp. 268-269 illus.

The find (ca. 100 coins, which are only partly known) was deposited at the end of the 17th or at the beginning of the 18th century.
(Z. Nemeškalová-Jiroudková)

722 HUNKA, JÁN. Hromadný nález mincí z Nitry-Zobora [A Coin Hoard from Nitra-Zobor]. *SlovNumiz* Vol. 9 (1986) pp. 256-259 illus.

A hoard of 503 silver coins in a vessel, deposited presumably in 1530 during the Turkish invasion, is discussed.
(Z. Nemeškalová-Jiroudková)

723 HUNKA, JÁN and JAVORSKÝ, FRANTIŠEK. Hromadný nález poľských a pruských mincí z Kalávy, okres Spišská Nová Ves [A Coin Hoard of Polish and Prussian Coins from Kaláva, Dist. Spišská Nová Ves]. *SlovNumiz* Vol. 9 (1986) pp. 259-261 illus.

A find of 36 silver coins, dating from 1527 to 1604, is discussed.
(Z. Nemeškalová-Jiroudková)

724 IVÁNYOSI-SZABÓ, TIBOR. Pénzforgalom és pénzértékek Kecskeméten 1662-1711 között [Circulation of Money and Denominations in Kecskemét Between 1662-1711]. *Bács-Kiskun megye multjából* [From the History of Comitatus Bács-Kiskun]. (Kecskemét 1985) pp. 9-146.

On the basis of archival sources, the author deals with the circulation of money of a town in central Hungary. He primarily discusses thalers and ducats.

(István Gedai)

725 JOVANOVIĆ, MIROSLAV. Novac despota Jovana Uglješa Mrnjavčevića [The Coins of Despot Jovan Uglješa Mrnjavčević]. *Numismatičar* Vol. 9 (1986) pp. 77-86 illus. English summary.

The author believes that the name of Jovan on these coins refer to the despot Jovan Uglješa Mrnjavčević. There is, however, no direct written proof, although the logic of historical events as well as numismatic analysis favor this hypothesis.

(D. Gaj-Popović)

726 JOVANOVIĆ, MIROSLAV. *Srpski srednjovekovni novac* (Serbian Medieval Coinage). (Belgrade 1984) 22 pp. illus. In Serbian.

This catalogue contains the collection of the late Vojislav Jovanović and 3 smaller private collections. The short introduction is followed by the revised, accurate genealogical trees of the Serbian medieval dynasties, the Nemanjići, Kotromanići, Mrnjavčevići, Balšići, Lazarevići and Brankovići. The catalogue comprises 252 coins.

(R. Mandić)

727 KAHLER, FRIGYES. A pisetumjog keletkezése, virágzása és megszűnése [The Origin, Flowering and End of the Law of "Pisetum"]. *Jogtörténeti Tanulmányok* [Studies on the History of Law]. (Budapest, 1985) pp. 191-208.

The archbishop of Esztergom received dues (pisetum) at the time of minting; he or his pisetarius kept the dies. This law, originating in the 13th century, is not the same as other dues, which the archbishop received from the time of the first king St. István. Although the practice of pisetum stopped in the late Middle Ages, the law was not revoked until 1892.

(István Gedai)

728 KAZIMÍR, ŠTEFAN. Inflácia na Slovensku začiatkom 18. storočia [Inflation in Early 18th Century Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 19-32. Russian and German summaries.

Slovakian inflation from 1704 to 1708, during the insurrection led by F. Rákóczi, was due to the issue of large numbers of copper coins not at all exchangeable for precious metals. The inhabitants therefore refused them, and the imperial coinages still represented the standard means of payment. At length the new inferior coinage of the insurgents contributed to the political and military debacle of the insurrection.

(Z. Nemeškalová-Jiroudková)

729 KHORSHEV, VALERY. Soviets issue circulating commemoratives.

Ruble coins mark 175th anniversary of Napoleonic battle. *CW* Vol. 28 (7 Oct. 1987) p. 74 illus.

Two 1-ruble coins placed in circulation 7 September 1987 in the Soviet Union, which commemorate the 175th anniversary of the Battle of Borodino during the Napoleonic invasion, are described.
(*Candace Carter*)

730 KOLNÍKOVÁ, EVA. Hromadný nález mincí z Kamjatic, okres Nové Zámky [A Coin Hoard from Komjatice, Dist. of Nové Zámky]. *SlovNumiz* Vol. 9 (1986) pp. 262-263 illus.

The author discusses a hoard of 62 coins deposited in a vessel in the last years of the 17th century.
(*Z. Nemeškalová-Jiroudková*)

731 KOLNÍKOVÁ, EVA and JAVORSKÝ, FRANTIŠEK. Nález mincí z archeologického výskumu zaniknutej stredovekej osady Krigov v obci Pavlány, okres Spišská Nová Ves [A Coin Hoard from the Archaeological Excavation of the Deserted Medieval Site Krigov in the Community of Pavlány, Distr. Spišská Nová Ves]. *SlovNumiz* Vol. 9 (1986) pp. 250-254 illus.

The authors discuss a find of 6 gold coins and 1 silver coin, dating from the 15th century, which was uncovered during the excavation of a house, which fell to ruins at the end of the 15th century.
(*Z. Nemeškalová-Jiroudková*)

732 KOVÁCS, LÁSZLÓ. A Kárpát-medence IX-X. századi francia pénzei és a kiskunfélegyházi sirlelet [French Coins in the Carpathian Basin in the 9th-10th Centuries and the Grave Find in Kiskunfélegyháza]. *Archaeologiai Értesítő* Vol. 112 (Budapest, Magyar Régészeti és Művészettörténeti Társulat 1985) pp. 36-51. French summary.

The author collected the data of the published French coins in the Carpathian Basin between the 9th and 10th centuries. The grave find in Kiskunfélegyháza is discussed.
(*István Gedai*)

733 LEÁNYFALUSI, KÁROLY. A forint pénzrendszer rendeletei, rendelkezései, 1946-1986 [The Decrees and Directives of the Forint System, 1946-1986]. *AzÉrem* No. 1 (1987) pp. 21-27.

The author publishes the decrees and directives of the forint system. Most deal with the emission.
(*István Gedai*)

734 LUKIĆ, HERMINA. Nalazi novca XVI i XVII stoljeća iz nekropole na Križanićevom trgu u Osijeku [The Find of Coins from the 16th and 17th Centuries from the Necropolis in Osijek]. *Numismatičar* Vol. 9 (1986) pp. 103-112 illus.

The find consists of the following coins: 33 Turkish, 11 Hungarian, 12 Austrian Imperial, and 1 Venetian.
(*D. Gaj-Popović*)

735 MAKSIĆ, MIODRAG M. Stepan Car Stepan [Stefan Car Stefan].

Numizmatičar Vol. 9 (1986) pp. 69-73 illus. English summary.

The author disproves the theory which attributes a matapan with the vertical inscription **CAR** to the Bulgarian emperor Michael Asen. He proves that this coin belongs to the Serbian King Stefan V Dragutin. (D. Gaj-Popović)

736 MINAROVICHOVÁ, ELENA. Hromadný nález mincí z Bratislavy [A Coin Hoard from Bratislava]. *SlovNumiz* Vol. 9 (1986) pp. 270-272 illus.

The author discusses a coin hoard of 254 silver coins of Emperor Francis Joseph I, which was deposited at the beginning of World War I.

(Z. Nemeškalová-Jiroudková)

737 NOVAKOVIĆ, STANIŠA. Srpski srednjovekovni novac u Kabinetu za novac Muzeja grada Beograda [Serbian Medieval Coins in the Belgrade City Museum]. *Godišnjak Grada Beograda* Vol. 33 (Belgrade, 1986) pp. 25-35 illus. In Serbian with English summary.

The small, but important, collection of Serbian medieval coins in the Belgrade City Museum is published. The complete catalogue of the collection is given. The differences which emerge in the attribution of coins to individuals from Uroš I to Stephan Dushan are surveyed. (R. Mandić)

738 PETÁCH, EMIL. *Dejiny mincovania v Košiciach* [History of Minting at Košice]. Edited by Východoslovenské vydavateľstvo, n.p. (Košice, Košice for the East-Slovakian Museum 1986) 194 pp. illus. Russian and German summaries.

The author deals with the economic-political situation in the early 14th century which led to the foundation of the Košice mint. Its production depended primarily on the metal mined in the vicinity. Various extant written documents from the end of the 14th century onward provide information on the mint's activity. Documents from the 16th century have enabled the author to reconstruct the production. The author discusses the history of the mint until its closure in 1710. An appendix includes illustrations and descriptions of all coinages ever minted at Košice.

(Z. Nemeškalová-Jiroudková)

739 PIPOVIĆ, VESNA, Ikonografija jedne vrste novca cara Dušana [Iconography of One Kind of Emperor Dushan's Coins]. *Numizmatičar* Vol. 9 (1986) pp. 73-76 illus. English summary.

The coins which depict the emperor being crowned by angels on the obverse are studied iconographically. The most direct iconographic prototypes for the coin representations can be found in Serbian wall paintings. (D. Gaj-Popović)

740 PITSILLIDES, A. Introduction to the Coins of the Lusignan Kings of Cyprus. *Cyprus Today* Vol. 25 No. 2 (April-June 1987) (Ministry of Education, Nicosia) pp. 4-10 illus.

An illustrated survey of this coinage is given.

(Arnold Spaer)

741 POTIN, V.M. Numismatische Chronologie und Dendrochronologie im Licht der Novgoroder Ausgrabungen. *HBN* Vol. 27/29 (1973/75, publ. 1982) pp. 53-66 illus.

By an analysis of excavated medieval wooden street pavements (10th-13th centuries), the author compares the evidence of dendrochronological and numismatic datings. For the 10th century the chronologies are rather close together, whereas from the second half of the 11th century onward, the lost coins become progressively older. Dendrochronology proves that 11th century German coinage circulated in Russia until the 13th century. The coins found in these excavations, which include some previously unknown types, are published. *(Peter Ilisch)*

742 SANTAMAS, M.L. The Modern Coinage of Cyprus. *Cyprus Today* Vol. 25 No. 2 (April-June 1987) (Ministry of Education, Nicosia) pp. 11-16 illus.

An illustrated survey of Cypriote coinage from 1878 to the present is given. *(Arnold Spaer)*

743 SCHUBERT, CHRISTIAN. Neue Entwicklungen in der Münzenemission der Volksrepublik Polen. *NumBeitr* Vol. 20 No. 2 (1987) pp. 56-66.

The author presents an overview of Polish coin issues since 1980 and includes a discussion of the economic-political problems. *(Paul Arnold)*

744 ŠIMEK, EDUARD. Příspěvek k soupisu nálezů českých a moravských mincí na Slovensku (16.19.století) [A Contribution to the List of Czech and Slovakian Coin Finds from Slovakia]. *SlovNumiz* Vol. 9 (1986) pp. 205-221. Russian and German summaries.

On the basis of records kept in the Hungarian National Museum in Budapest, the author publishes evidence on 51 coin hoards deposited in the 16th-19th centuries, which were found in Slovakia. The hoards contained ca. 50,000 coins, among which were 1,754 silver Czech and Moravian pieces. *(Z. Nemeškalová-Jiroudková)*

745 UNYI, JÁNOS. Átlagos méretek, méreti eltérések a konvenció pénzrendszer bronz és ezüst pénzeinél [The Common Measurements and Differences of the Copper and Silver Coins of the Convention System]. *AzÉrem* No. 1 (1987) pp. 15-20.

The author publishes the different diameters and thicknesses of the coins struck between 1753-1857. *(István Gedai)*

746 VUČIĆEVIĆ, IVICA and NOVAKOVIĆ, STANIŠA. Kovanja i kovnice našeg novca 1868-1938 [Minting and Mints of Our Coinage, 1868-1938]. *Numismatičar* Vol. 8 (1985) pp. 91-101.

Mintage statistics, mintmarks, metallic composition and mint locations are discussed for coins of Serbia, Montenegro and Yugoslavia. Corrections of certain information

on mints and types in the *World Coin Catalog* and other standard references are included. (Charles B. Smith, Jr.)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

General, No. 40.

Western and Central Europe, No. 620.

Medals and Decorations, Nos. 785, 802, 825, 831, 850, 860.

Paper Money, Nos. 880, 882.

THE AMERICAS UNITED STATES

747 BOWERS, Q. DAVID. *The Strange Career of Dr. Wilkins: A Numismatic Inquiry*. (Wolfeboro, NH, USA, Bowers and Merena Galleries, Inc., 1987) 96 pp. illus.

The strange and notorious career of Dr. G.G. Wilkins, probably the most controversial citizen of Pittsfield, New Hampshire, is related. The coins, which are counterstamped with his name, from the 1840s-60s are discussed and illustrated.

(Candace Carter)

748 BRUNK, GREGORY G. *American and Canadian Countermarked Coins*. (Rockford, IL, USA, World Exonumia Press 1987) 352 pp. illus.

Following the general introductory section concerning the history of countermarks and foreign marks, the book is divided into sections on all reported countermarks on coins and tokens including the denomination and date as well as price.

(Candace Carter)

749 BURKE, BRYAN. *Through the Numismatic Glass: Tom Thumb (1838-1883)*. *CalcoinN* Vol. 42 No. 1 (Winter 1988) pp. 4-9 illus.

The author discusses briefly midgits and dwarfs and then the life of Tom Thumb (Charles Sherwood Stratton). A game counter and a medal depicting Tom Thumb are illustrated as well as other photographs.

(Candace Carter)

750 BUSH, JOHN A. *Bicentennial of the First Federal Coinage of the United States*. *MojNum* Vol. 12 (July 1987) p. 41 illus.

The author presents a brief history of the Fugio cent. (Michael G. Pfefferkorn)

751 Combined Organizations of Numismatic Error Collectors of America. *Official CONECA Handbook*. (J.T. Stanton, P.O. Box 932, Savannah, GA, USA, 1987).

752 DE MARAIS, JOHN. The Currency Twopences of 1838 and 1848. *NI* Vol. 20 No. 5 (May 1986) pp. 108-109.

The author discusses the use of the twopence as an exclusive colonial issue.

(Joseph Uphoff)

753 HODDER, MICHAEL and BOWERS, Q. DAVID. *The Norweb Collection: An American Legacy.* (Wolfeboro, NH, USA, Bowers and Merena 1987) 285 pp. illus.

An account of the formation and development of one of the most important collections in the United States, which includes biographies of the various Norweb family members, is published.

(Candace Carter)

754 PFEFFERKORN, MICHAEL G. Numismatic Reminders of the Civil War in Missouri. *Central States Numismatic Society, 48th Annual Convention, Souvenir Program.* (St. Louis, MO, USA, Missouri Numismatic Society of St. Louis 1987) pp. 17-20 illus.

A brief survey illustrated with unpublished items, including 2 specimens of private paper scrip, a St. Louis saloon token, General Grant medal, and Lexington, Missouri, centennial medal. A Missouri Defence Bond, 4 St. Louis Civil War store cards, and a vulcanite store card of Wiesenfeld & Co. are also pictured.

(Author)

755 PFEFFERKORN, MICHAEL G. The Old Courthouse: A St. Louis Legacy. *Central States Numismatic Society, 48th Annual Convention Souvenir Program.* (St. Louis, MO, USA, Missouri Numismatic Society of St. Louis 1987) pp. 6-7 illus.

A brief history with a 1920s photo and the obverse design for the convention medallic badge.

(Author)

756 SPINNER, FRANCIS ELIAS. Base Metal Tokens. *MoJNum* Vol. 12 (July, 1987) pp. 35-37 illus.

A short biography of the author precedes a reprint of a report submitted by U.S. Treasurer Spinner in the 1969 *Report of the Secretary of the Treasury*. Spinner's views on the government's refusal to accept quantities of one, two, and three cent coins are stated.

(Michael G. Pfefferkorn)

757 VAN WINKLE, MARK. An Interview with Harry Bass. *Legacy—for the Contemporary Numismatist* Vol. 1 No. 1 (Dallas, TX, USA, Feb./March 1988) pp. 26-30, 52, 56-57, 62 illus.

Harry W. Bass, Jr. discusses his interest and background in numismatics, particularly in U.S. gold. His opinions on the numismatic market are related.

(Candace Carter)

758 XU YOUMING. The Statue of Liberty Required Immediate Repair and the Issuance of a Commemorative Silver Coin by the U.S. *ColChinNum-*

Theses No. 3 (1986) p. 74 illus. In Chinese.

759 XU YOUMING. The World Coin Collection Issued by U.S.A. *Col-ChinNumTheses* No. 4 (1985) p. 78 illus. In Chinese.

For additional references to the numismatics of the United States, see the following abstracts:

General, Nos. 5, 16.

Canada, No. 760.

Medals and Decorations, Nos. 783, 786, 788, 830, 848.

Paper Money, Nos. 870, 883, 888, 889, 891, 901.

Tokens and Jetons, Nos. 930, 940, 941, 950.

CANADA

760 HERNESHEN, RON. Historical List No. 13; Equivalents in Silver Coins. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) pp. 324-326.

The author lists foreign silver coins, which are equivalent to Canadian and American coins, with a minimum fineness of 0.72, prior to the dropping of precious metals from circulating coinage ca. 1965. *(Candace Carter)*

761 Moose Jaw's Trade Dollar of 1987. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 332 illus.

The trade dollar, issued by the Moose Jaw Chamber of Commerce to commemorate the centennial of the Chamber in 1988 as well as 4 decades of pilot training at Canadian Forces Base Moose Jaw in 1987, is illustrated. *(Candace Carter)*

762 The 1911 Dei Gratia Cent. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 299 illus.

The 1911 cent, portraying George V, contrary to tradition omitted the words DEI GRA(tia) from the monarch's titles. These coins, known as the Graceless or Godless coins, occasioned such a public outcry that the title had to be restored on all subsequent coinage. *(Candace Carter)*

763 UMAN, BARRY. The Lakeshore Coin Club. *CNJ* Vol. 32 No. 8 (Sept. 1987) pp. 358-359 illus.

The Lakeshore Coin Club celebrated its 25th anniversary in May 1987. To commemorate this anniversary 100 souvenir banquet woods were made. Additionally, a souvenir booklet will be published and an official trade dollar for Pointe Claire, depicting Lakeshore General Hospital, will be issued. *(Candace Carter)*

764 WILLEY, R.C. The Designers and Engravers of Canadian Decimal

Coins; Part I. 1858-1968. *CNJ* Vol. 32 No. 9 (Oct. 1987) pp. 393-405 illus.

In Part I the author discusses W.H.J. Blakemore, A. Colville, M.C. Cook, W. Cundall, G.W. DeSaulles, M. Gillick, E. Hahn, G. Kruger, F. Lewis, A. Machin, B. MacKennal, P. Metcalfe, T.J. Minton, H. Morehen, W.J. Newman, T.H. Paget, T. Shingles, W. Theed, S. Trenka, D. Vodanovic, J.S. Wyon and L.C. Wyon.

(Candace Carter)

For additional references to the numismatics of Canada, see the following abstracts:

General, Nos. 37, 42.

United States, No. 748.

Medals and Decorations, Nos. 790, 832, 853.

Paper Money, Nos. 879, 898.

Tokens and Jetons, Nos. 929, 933, 945, 946, 947.

MEXICO, CENTRAL AND SOUTH AMERICA

765 CASA DE MONEDA. *Breves Apuntes Históricos sobre la Casa de Moneda en México. SocNumMéxico Bol* Vol. 17 No. 122 (Jan.-March 1984) pp. 4-19 illus. English and Spanish.

The Mexico Mint used to give visitors a stapled mimeographed booklet which contained brief historical notes on the Mo mint. This booklet is reproduced here. Interesting data from pre-Columbian times to 1969 is given. (Miguel L. Muñoz)

766 CASSO, TADEO. *Algunas Consideraciones Generales sobre las Acuñaciones en la Casa de Moneda de México en el Siglo XVI. SocNumMéxico Bol* Vol. 18 No. 133 (Oct.-Dec. 1986) pp. 121-125. English and Spanish.

The author, Director of the Mexico Mint, explains the organization of the mint during the Viceroyalty. Some technical information is given concerning the process under which the silver bullion went from ingots to rolled strips until the metal was converted into coins. (Miguel L. Muñoz)

767 CASTAN, CARLOS. *Historia de los Ensayadores de la Ceca de México y Siglas que se conocen. SocNumMéxico Bol* Vol. 17 No. 126 (Jan.-March 1985) pp. 125-129. English and Spanish.

A brief history of the 35 assayers of the Mexico mint is given. Their initials on the coins are discussed. (Miguel L. Muñoz)

768 CASTAN, CARLOS. *Un Real de a Ocho Inédito del Rey Felipe III con doble ensayador. SocNumMéxico Bol* Vol. 17 No. 122 (Jan.-March 1984) pp. 20-22 illus. English and Spanish.

A unique Piece of Eight of Philip III minted in Mexico, which has 2 assayers'

initials, instead of the usual 1 initial, is discussed.

(Miguel L. Muñoz)

769 CORTINA y CORTINA, ALEJANDRO. Don Antonio de Mendoza y su Epoca. *SocNumMéxico Bol* Vol. 18 No. 131 (April-June 1986) pp. 41-68 illus. English and Spanish.

Don Antonio de Mendoza personally brought the Royal Decree authorizing the foundation of the Mexico Mint. The author describes the prevailing conditions and gives valuable information concerning the travels of de Mendoza from the conquest of Tenochtitlan (Mexico City) to Peru, where he was also a Viceroy. Don Antonio de Mendoza, the First Viceroy of Mexico, set the rules for the future of Nueva España, present-day Mexico.

(Miguel L. Muñoz)

770 CROSS DE TORRES, ANNA MARIA. *SocNumMéxico Bol* Vol. 17 No. 127 (April-June 1985) pp. 160-178 illus. English and Spanish.

A very brief account of the Mexican coinage which circulated in the 5 continents as legal currency is given. Special attention is paid to the Caribbean islands and Central America.

(Miguel L. Muñoz)

771 DOTY, RICHARD G. La Moneda Provisional de Oaxaca. *SocNumMéxico Bol* Vol. 17 No. 129 (Oct.-Dec. 1985) pp. 249-258 illus. English and Spanish.

The fascinating series of the Moneda Provisional issued by the State of Oaxaca during the Mexican Revolution is thoroughly discussed. The author describes the series from the rectangular, awkward, One Centavo piece in copper to the Sixty Peso gold coin, the largest denomination struck in Mexico.

(Miguel L. Muñoz)

772 FLATT, HORACE P. Peruvian 5, 10, and 20 Centavos 1918-1965. *NI* Vol. 20 No. 9 (Sept. 1986) pp. 199-205 illus.

The author discusses the development of these Peruvian denominations from 1918 to 1965.

(Joseph Uphoff)

773 FLATT, HORACE P. The Pasco Mint: A Newly Discovered Coin. *NI* Vol. 20 No. 5 (May 1986) pp. 104-105 illus.

The author describes a 4 Reales piece minted in 1855 at Pasco.

(Joseph Uphoff)

774 HERRERA CEDILLO, JOSE LUIS. Nueva Moneda de Veinte Pesos con la Efigie de Don Guadalupe Victoria. *SocNumMéxico Bol* Vol. 18 No. 130 (Jan.-March 1986) pp. 31-33 illus. English and Spanish.

The new (Cu-Ni-Al) coin which bears the portrait of the first President of Mexico, Don Guadalupe Victoria, is described.

(Miguel L. Muñoz)

775 MUÑOZ, MIGUEL L. A Numismatic Tribute—Porfirio Díaz—President of Mexico, 1877-1880 and 1884-1911. *CW* (Supplement) (August 1987) pp. 3-49 illus.

After a very brief biography, the author describes in detail some of the 36 medals that have been located and the 19 decorations presented to Porfirio Diaz by Venezuela, Persia, China, Japan and European countries. Some monetary events which took place during Diaz's presidency are related. (Author)

776 MUÑOZ, MIGUEL L. La Fundación de la Casa de Moneda de México, Primera en America. *SocNumMéxico Bol* Vol. 18 No. 132 (July-Sept. 1986) pp. 85-107 illus. English and Spanish.

A brief account of the foundation of the Mexico mint is given, including a survey of the "monetary" conditions in pre-Columbian Mexico as well as the earlier events in Spain which had a bearing on the first coinage minted in America. The history and locations of the Mexico mint during the 450 years of its continuous existence are detailed, ending with the San Luis Potosí mint inaugurated in 1983.

(Author)

777 MUÑOZ, MIGUEL L. Su Atención ... Por Favor!!! *SocNumMéxico Bol* Vol. 17 No. 124 (July-Sept. 1984) pp. 75-86 illus. English and Spanish.

The author relates how the non-numismatic historian can make involuntary errors and often confuse foundry with mint; coins with medals or tokens; etc. In order to clarify some of these points, he gives a brief history and discusses features of the Mexico City mint and the three previous foundries, with their locations. The history ends with the first silver and copper coins struck in America, ca. 1536. (Author)

778 OSAWA VALDES, FERNANDO. El Veinte (centavos) del Siglo XX. *SocNumMéxico Bol* Vol. 17 No. 122 (Jan.-March 1984) pp. 23-24 illus. English and Spanish.

Overdates on Mexican coins from 1906 to 1920 are discussed. The overdate of the Twenty centavo piece of 1982 over 1981, 4 digits, is discussed. The author claims that this is the only 20th century overdate on Mexican coinage.

(Miguel L. Muñoz)

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:

General, Nos. 16, 40.

Western and Central Europe, No. 575.

Medals and Decorations, No. 828.

Paper Money, Nos. 872, 888, 893, 903.

Tokens and Jetons, Nos. 935, 936.

OCEANIA

779 PEARCE, MURRAY. Royal Titles and Australian Coins: the 'Defender of the Faith' Controversy of 1953. *JNAAus* Vol. 3 (1987) pp. 12-17.

This legend, which did not appear on Australian coinage in 1953, was restored in 1954. *(John Melville-Jones)*

780 SHARPLES, JOHN. The 1930 Penny. *JNAAus* Vol. 3 (1987) pp. 3-11.

The story that this rare coin was struck for tourists is shown to have no support, and evidence for the circumstances of its manufacture is collected. *(John Melville-Jones)*

781 ZHOU NANJING. Chinese Coins in Indonesia. *ColChinNumTheses* No. 2 (1986) pp. 68-70. In Chinese.

For additional references to the numismatics of Oceania, see the following abstracts:

General, Nos. 39, 40.

Medals and Decorations, Nos. 799, 800, 818, 834, 836.

Primitive Money, No. 868.

Paper Money, Nos. 873, 884, 885, 887, 917, 918.

Tokens and Jetons, No. 937.

MEDALS AND DECORATIONS

782 BALLICO, BENEDETTA. I rapporti fra Massimiliano Soldani e Antonio Selvi. *Medaglia* Vol. 12 No. 19 (Milan, S. Johnson 1984) pp. 45-64 illus.

In this article the author reconstructs the activity of the great medalist M. Soldani and his student A. Selvi in Florence at the end of the 17th and the first half of the 18th century. *(Andrea Carignani)*

783 BAXTER, BARBARA A. *The Beaux-Arts Medal in America*. (New York, The American Numismatic Society 1987) 92 pp. illus. ISBN 0-89722-221-0.

The catalogue of the Beaux-Arts exhibit, on display at the American Numismatic Society from 26 September 1987 to 16 April 1988, lists 368 medals, designed by medalists from Pierre-Jean David d'Angers to Paul Manship. *(Candace Carter)*

784 BLOCK, DAVID. Napoleonic Medals: The Egyptian Campaign. *NI* Vol. 21 No. 5 (May 1987) pp. 107-114 illus.

The author presents a history of the campaign and the medals struck to commemorate its important events. *(Joseph Uphoff)*

785 BÓNA, ENDRE. *Medicina in Nummis Szegediensis*. (Szeged, 1986) 112 pp. illus. German summary.

The author publishes 87 medals which concern doctors and pharmacists of the town Szeged in southern Hungary. (István Gedai)

786 BORGSMANN, FRED J. *Wisconsin's Military and Civil Medals and Decorations*. (Iola, WI, USA, Joe Jones Agency 1987) 34 pp. illus.

National Guard, state and town campaign medals, and medals issued for each major U.S. conflict since 1865 are listed. Historical information on their manufacture and distribution is given. This book is the only reference for this state's issues and can be easily updated. (George S. Cuhaj)

787 BORRAS I COSTA, R. Medalles i guions de la Guerra de Separació i de la Pau dels Pirineus. *ActaNum* Vol. 16 (1986) (Or III Simposi Numismàtic de Barcelona I) pp. 183-199.

788 BUSH, JOHN A. Ulysses S. Grant 'A St. Louis Patriot Too!' *Mo-JNum* Vol. 12 (July 1987) pp. 6-11 illus.

A biography of U.S. Grant, illustrated by 2 medals, stresses the linkage of the general to St. Louis. A local statue is also depicted. (Michael G. Pfefferkorn)

789 *150 anni di medaglie Johnson 1836-1986*. (Milan, Stabilimento S. Johnson 1986) 489 pp. illus.

The history of Italian medallic activity of the Milanese establishment founded by Giacomo Johnson in 1836 is given. The history covers a century and a half. (Andrea Carignani)

790 CHEEK, RONALD P. More About the Engineering Centennial Medal—A Tribute to Canada's "Invisible Profession." *CNJ* Vol. 32 No. 7 (July/Aug. 1987) pp. 305-308 illus.

The author publishes a complementary article to J.H. Remick's article in *CNJ* Vol. 32 No. 4 (1987). The intention, design and production of the medal are discussed. (Candace Carter)

791 COZZI, CRISTINA. Andrea Appiani medaglista. Proposta per un "corpus" delle medaglie diseguate dall'Appiani. *Medaglia* Vol. 15 No. 22 (1987) pp. 92-124 illus.

In the article the author examines the activity of the medallic work of the great Milanese artist of the NeoClassical period. Appiani was the great propagandist of the deeds of Napoleon Bonaparte in his celebrated and commemorative work. (Andrea Carignani)

792 CRUSAFONT I SABATER, M. La primera reunió de medallistes: medalles catalanes, 1888-1891. *ActaNum* Vol. 16 (1986) pp. 199-217 illus.

793 DÁN, ROBERT. Disputatio nummorum: Héber betüs Jézus érmék

a XVI. századból [Disputatio nummorum: Medals of Jesus with Hebrew Letters in the 16th Century]. *Magyar Könyvszemle* [Review of Hungarian Books] Vol. 101 (Budapest, Hungarian Academy of Sciences 1985) pp. 101-104.

The author publishes some medals of Jesus which have Hebrew letters relating to society on them. (István Gedai)

794 DEMİREL, ŞAHİN. Yeni Bir Madalyon ve Madalyonculuğumuz [A New Medallion and our Medallion Making]. *BültenTürkNumSoc* Vol. 22 (1987) pp. 31-32.

The author discusses a silver and a copper medallion of the year 1938, minted for the occasion of the İzmir International Fair. (Ömer Diler)

795 ELOY, LOUIS. Une Médaille inédite. *Bulletin des Chercheurs de Wallonie* Vol. 27 (Société royale belge d'étude géologiques et archéologiques, Flémalle, Belgium 1986) pp. 55-56 illus.

In 1872 a medal by Ed. Geerts was struck for a congress on anthropology and prehistory which concerned to prehistoric research at Furfooz (Namur, Belgium). (Paul Naster)

796 ERCOLANI COCCHI, EMANUELA. Incisori e medaglisti che lavorarono per la zecca di Mantova o eseguirono medaglie per personaggi mantovani. *La sezione Gonzaghesca (Monete, medaglie, pesi e misure mantovane nell'età dei Gonzaga)*. Edited by Alia Englen et al. (Mantua, Museo Civico di Palazzo Te 1987) pp. 170-172.

797 FEILHAUER, ERWIN. Winckelmann-Medaille der Stadt Stendal. *NumBeitr* Vol. 20 No. 1 (1987) pp. 32-33.

The author discusses the Winckelmann medals awarded by the city of Stendal. (Paul Arnold)

798 FILÉE, J. and MARTIN, J. Une médaille inédite de Notre-Dame de Basse-Wavre trouvée à Tavier dans le Namurois. *Le Guetteur wallon* (Société royale "Sambre et Meuse," B-5000 Namur, Belgium) Vol. 62 No. 2 (1987) pp. 53-59 illus.

The authors discuss a medieval medal of Our Lady of Basse-Wavre (prov. Brabant, Belgium), discovered on the site of the Gallo-Roman vicus of Tavier (prov. Namur, Belgium). (Paul Naster)

799 FLEMING, WILLIAM. Medals Honour Pioneers of the Methodist Church. *ACR* Vol. 24 No. 2 (Aug. 1987) pp. 6-9.

A sequel to *NL* 119-800, which illustrates Australian medals commemorating John Wesley and Methodism, is published. (John Melville-Jones)

800 FLEMING, WILLIAM. Medals Recall Founder of Methodism. *ACR* Vol. 24 No. 1 (July 1987) pp. 43-46.

Medals commemorating John Wesley and the foundation of the Methodist movement are illustrated. See *NL* 119-799.
(John Melville-Jones)

801 FLEMING, W. 'Napoleon le Petit': Napoleon III. *JNAAus* Vol. 3 (1987) pp. 49-55.

The article illustrates satirical medals produced after Napoleon's defeat at Sedan.
(John Melville-Jones)

802 GACARZEWICZ, MAŁGORZATA. *Medale i plakiety Nowej Soli 1945-1984* [Medals and Plaquettes of Nowa Sol 1945-1984]. (Nowa Sol, Museum in Nowa Sol 1986) 47 pp. illus.

This catalogue of 25 medals and plaquettes connected with the Silesian town Nowa Sol in the post-war period is compiled by the custodian of the local museum.
(Andrzej Mikołajczyk)

803 GALLAMINI, PAOLA. Due medaglie della Madonna del Rosario. *Medaglia* Vol. 17 (1982) pp. 60-61 illus.

Two medals (one from 1825; one from the 18th century) are catalogued.
(Ada Gabucci)

804 GARDINER, JEFFREY. The Walker Colliery Medal. *NCirc* Vol. 95 No. 4 (May 1987) pp. 112-113.

The author identifies a medal of 1762 with a historical note on coal mining in the Tyne basin.
(Edward Besly)

805 GIACOSA, GIORGIO and OLIVARI, MARCO. I rapporti fra Venezia e la Svizzera documentati attraverso le medaglie. *Medaglia* Vol. 12 No. 19 (Milan, S. Johnson 1984) pp. 6-44 illus.

On the basis of documentation concerning the medals, the authors describe the history of the diplomatic relations between Venice and the Swiss canton of Grigioni in the 17th-18th centuries.
(Andrea Carignani)

806 GILLILLAND, CORY. The Art of the Medal. *CW, World Coins Supplement* (July 1987) pp. 3-49 illus.

The article is divided into 2 parts: Part 1: The Contemporary Art Medal and Part 2: A Few Comments Throughout the Century About Medallistic Art.
(Candace Carter)

807 GORINI, GIOVANNI and MASUTTI, VITTORIA. *Pietro Giampaoli medaglista*. Catalogo della mostra, Comune di Buja, 17 maggio-15 giugno 1986. (Udine, Comune di Buja 1986) 125 pp. illus.

In this volume the authors reconstruct the life and artistic personality of Pietro Giampaoli, a famous Italian medalist, born in Buja (Udine) in 1898.

(Andrea Carignani)

808 GOSZTONYI, JÓZSEF. Agriculture on Hungarian medals. 1. Prominent characters in Hungarian agriculture on medals. *Acta Agronomica Academiae Scientiarum Hungaricae* Vol. 33 (Budapest, Akadémiai Kiadó 1984) pp. 248-267.

The author publishes medals on Hungarian agriculture.

(István Gedai)

809 GOSZTONYI, JÓZSEF. Kiss Kovács Gyula éremművészete [The Medallic Work of Gyula Kiss Kovács]. *AzÉrem* No. 1 (1987) pp. 31-37.

Born in 1922, the medalist Gyula Kiss Kovács made medals after 1951. In addition to exhibits in Hungary, works were displayed in Berlin and Oslo. The author publishes Kovács's 66 medals, made before 1960.

(István Gedai)

810 GUALDONI, MARA and MARTINI, RODOLFO. Medaglie di restituzione papali (fine sec. XVI), L'ambiente e i modelli. La medaglia. *Medaglia* Vol. 15 No. 22 (Milan, S. Johnson 1987) pp. 6-36 illus.

The author studies iconographically a series of medals portraying the restoration of the papacy at St. Peter's by Urban VII, made at Milan at the end of the 1500s.

(Andrea Carignani)

811 GUGLIELMINI, LUIGI. Dighe in medaglie. *Medaglia* Vol. 13 No. 20 (Milan, S. Johnson 1985) pp. 127-141 illus.

The author studies the representations of dams on medals as evidence of the activity of Italian talent in Columbia and Costa d'Avorio.

(Andrea Carignani)

812 HACKL, JOSEF. En reliefmedaljong i brons föreställande Gustav II Adolf [A Bronze Medallion Representing Gustavus II Adolphus]. *SNT* No. 7 (1987) pp. 204-210 illus.

A large bronze medallion of Gustavus Adolphus, tentatively attributed to the German medalist Georg Schweigger, is found to be the prototype of some portrait reliefs on Swedish church bells. A German version of the article was published in *NNb* No. 3 (1987) pp. 52-58.

(Ulla Westermarck)

813 HANN, FERENC. *Csikszentmihályi Róbert. Beszélgetés a szobrásszal* [Robert Csikszentmihályi. Talking with the Sculptor]. (Szentendre, 1984) 38 pp.

The author discusses the life and activity of the Hungarian medalist Robert Csikszentmihályi.

(István Gedai)

814 HARKE, KURT. Helmut König—Stempelschneider in Zella-Mehlis. *Num.Beitr* Vol. 20 No. 2 (1987) pp. 77-86.

The medalist Helmut König is discussed and his medals are presented.

(Paul Arnold)

815 HEBERT, RAYMOND J. Indian Christian Devotional Medals. *NI* Vol. 20 No. 11 (Nov. 1986) pp. 245-251 illus.

A brief history of Indian Christianity is given. Some of the medals of practitioners are illustrated.

(Joseph Uphoff)

816 HEBERT, R.J. Two Early Devotional Medals. *NI* Vol. 21 No. 3 (March 1987) pp. 56-58 illus.

The author describes two medals issued during the 17th century to honor St. Peter of Alcantra and St. Quiteria.

(Joseph Uphoff)

817 JÄRVINEN, OUTI. The Medals of Gerda Qvist. *The Medal* No. 11 (Summer 1987) pp. 59-66 illus.

From the 1920s until the 1940s Qvist was the leading medalist in Finland. She modelled over 150 medals, many of them cast. Her artistic ideas were influenced by early 20th century German medallic art.

(Author)

818 JEWELL, RAY. Michael Meszaros, the Man and his Medals. *JNAAus* Vol. 2 (1986) pp. 4-24.

The artist has been working as a full-time sculptor and medalist in Melbourne, Australia, since 1970.

(John Melville-Jones)

819 JOHNSON, CESARE and MARTINI, RODOLFO. *Catalogo delle medaglie. I. Sec. XV*. (Milan, Comune di Milano 1986) 205 pp. illus.

The authors discuss 658 medals in the Civiche Raccolte Numismatiche di Milano, which were executed by 15th century artists or, in several cases, by 15th/16th century artists. The medals are presented in chronological order and an alphabetized list of the artists of each century is given. All the catalogued pieces are illustrated.

(Sara Sorda)

820 JOHNSON, CESARE. "Le provvidenze più memorabili nella Lombardia Austriaca date sotto il Regno di Maria Teresa" in medaglie. *Medaglie* Vol. 13 No. 20 (Milan, S. Johnson 1985) pp. 6-57 illus.

The author discusses 23 medals struck at the mint of Milan between 1755 and 1799 in recognition of public works, benefices, etc., received by Austrian Lombardy under the reign of Maria Theresa.

(Andrea Carignani)

821 JOHNSON, MARIANGELA. IV Centenario della morte di S. Carlo Borromeo - Novembre 1984—Medaglie emesse per la visita di Giovanni Paolo II nella Diocesi Ambrosiana. *Medaglia* Vol. 13 No. 20 (Milan, S. Johnson 1985) pp. 142-152 illus.

A commemorative medal of the 4th centenary of the death of St. Carlo Borromeo on the occasion of the visit to Milan of John Paul II is discussed. The medal was designed by E. Manfrini and A. Grilli.
(*Andrea Carignani*)

822 K(LEIN), U(LRICH). Die Zeit von 1789 bis 1815 im Bild von 120 Medaillen. *Baden und Württemberg im Zeitalter Napoleons. Vol. 1, Na. 1* (Stuttgart, Württembergisches Landesmuseum Stuttgart 1987) pp. 7-53 illus. ISBN 3-922608-44-2.

Following a brief introduction, 120 medals surveying the history of Napoleon from 1789 to 1815 are described and discussed.
(*Peter Ilisch*)

823 KLEIN, ULRICH. Einige weitere Kepler-Medaillen. *Heimatverein Weil der Stadt; Berichte und Mitteilungen* Vol. 34 No. 1 (Weil der Stadt, Heimatverein 1985) pp. 6-13 illus.

The author publishes additions to a 1981 article which featured medals concerning the astronomer Johannes Kepler, issued between 1662 and 1676. See *NL* 107-579.
(*Peter Ilisch*)

824 K(LEIN), U(LRICH). Württembergische Orden in Napoleonischer Zeit. *Baden und Württemberg in Zeitalter Napoleons. Vol. 1 Na. 1* (Stuttgart, Württembergisches Landesmuseum Stuttgart 1987) pp. 316-319 illus. ISBN 3-922608-44-2.

The Württemberg orders of the Golden Eagle and of Civil Merit are described. The same catalogue also deals with orders of Baden (pp. 174-177) and Hohenlohe (pp. 253-255).
(*Peter Ilisch*)

825 KOVASZNAI, VICTORIA L. Gli aspetti francesi delle medaglie ungheresi di stile Liberty. *Medaglia* Vol. 13 No. 20 (Milan, S. Johnson 1985) pp. 107-126 illus.

The author presents an overview of the Hungarian artistic climate in the area of the medallic production at the turn of the 20th century and defines the characteristics and extent of the influence of the French school.
(*Andrea Carignani*)

826 LANE, PETER. The Tichborne Claimant Medal. *JNAAus* Vol. 3 (1987) pp. 21-24.

This famous case, relating to a claim on a British estate (1865-1874), was commemorated by the striking of a medal.
(*John Melville-Jones*)

827 LLOYD, CHRISTOPHER. Reconsidering Sperandio. *Studies in the History of Art. Vol.: Italian Medals*. (Washington, D.C., National Gallery of Art 1987) pp. 99-113 illus.

The voluminous work of Sperandio is placed in the context of the artistic environment of his time. An account is given of previous opinions (e.g., Goethe and Hill) on the artist. Sperandio's plaque of Tito Vespasiano Strozzi, of which the Ashmolean

Museum, Oxford, possesses a specimen in speculum alloy, is examined. All recorded pieces are listed and illustrated. The study is meticulously annotated.

(Mark M. Salton)

828 LOPEZ DE LERENA, JAVIER. Medallas acuñadas en la Casa de Moneda de México. *SocNumMéxico Bol* Vol. 17 No. 126 (Jan.-March 1985) pp. 145-150 illus. English and Spanish.

A detailed list of 24 different medals struck in 1976 by the Mexico Mint, including quantities struck in gold, silver and brass, is given.

(Miguel L. Muñoz)

829 LUNELLI, LORENZO. Medaglie di premi scolastici, incise. *Medaglia* Vol. 14 No. 22 (Milan, S. Johnson 1986) pp. 66-73 illus.

The author examines the production of medals decreed in 19th century Italy for scholastic awards.

(Andrea Carignani)

830 Magnes medal depicts Supreme Court Justice. *CW* Vol. 28 (14 Oct. 1987) p. 28 illus.

The medal honoring Supreme Court Justice Nathan Cardozo, designed by Gerta Ries Wiener for the Judah L. Magnes Memorial Museum, is described.

(Candace Carter)

831 MAJEWSKI, ARTHUR J. Cursory Overview of Collectible Polish Military Decorations. *NI* Vol. 21 No. 1 (Jan. 1987) pp. 7-10.

Various military awards created by Poland, which are available to collectors, are discussed.

(Joseph Uphoff)

832 MARQUIS, YVON. A Recent Discovery, The Canoe-Kayak Medallion of Jonquière 1979. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 317.

The medallion, issued by the municipality of Jonquière, Quebec in 1979, in commemoration of the 16th Canoe-Kayak World Championship (slalom), is described.

(Candace Carter)

833 MAUÉ, HERMANN. Michelangelo auf einer Bronzemedaille des Leone Leoni. *Monats Anzeiger* (Nuremberg, Germanisches Nationalmuseum 1987) pp. 541-542 illus.

834 MC NEICE, ROGER V. Medals of the Royal Society of Tasmania. *JNAAus* Vol. 3 (1987) pp. 27-30.

Four medals, awarded occasionally to researchers of distinction or lecturers to the Society, are described.

(John Melville-Jones)

835 Medal commemorates Swiss architect. *CW* Vol. 28 (7 Oct. 1987) p. 86 illus.

The 5-franc coin commemorating the 100th anniversary of the birth of Charles Edouard Jeanneret, "Le Corbusier," an architect, city planner, painter and sculptor, issued by Switzerland on 6 October 1987, is described. (Candace Carter)

836 MELVILLE-JONES, JOHN R. A Good Luck Medallion from Kalgoorlie. *JNAAus* Vol. 3 (1987) pp. 25-26.

The cast medallion depicting a radiate head and a sow with piglets may have been made as a lucky charm to aid a seeker after gold. (Author)

837 MIRA, W.J. The Ovalau Medals. *JNAAus* Vol. 2 (1986) pp. 65-67.

Following the loss of this ship in 1903, medals were struck and presented to the captain and crew. (John Melville-Jones)

838 MIRA, W.J. The Shanghai Municipal Medal of 1937. *JNAAus* Vol. 3 (1987) pp. 18-20.

Those who served on the council in this crisis at the beginning of the Sino-Japanese War were presented with medals. (John Melville-Jones)

839 MOLNÁR, JÓZSEF. A demokratikus Magyarország 1945-ben készített állami kitüntetéseinek prototípusai [The Models of the State Decorations of Democratic Hungary Made in 1945]. *AzÉrem* No. 1 (1987) pp. 38-44.

The author deals with the models of decorations created after 1945.

(István Gedai)

840 MOLNÁR, JÓZSEF. A Magyar Köztársasági Érdemrend és Érdemérem, 1946-1949 [Order and Medal of the Hungarian Republic, 1946-1949]. *Hadtörténeti Közlemények* [Review of the Military History] Vol. 33 (Budapest, Hadtörténeti Intézet és Múzeum 1986) pp. 154-173.

The author deals with the first orders of Hungary, when it became a republic in 1945.

(István Gedai)

841 MUÑOZ, MIGUEL L. La Medalla de Juan Arévalo. *SocNumMéxico Bol* Vol. 17 No. 129 (Oct.-Dec. 1985) pp. 244-246 illus. English and Spanish.

The identity of Juan Arévalo and the meaning of the initials GP (G-rabado Por), or engraved by, are discussed. The medal shown on the cover of the *Boletín* is a presentation trial piece which an engraving student had to present at his examination.

(Miguel L. Muñoz)

842 NOÈ, ENRICO. Appunti sulla medaglistica bolognese fra Seicento e Settecento. *Medaglia* Vol. 14 No. 21 (Milan, S. Johnson 1986) pp. 33-64 illus.

The author publishes the first overview of the medallic activity at Bologna in the 18th century, which until the present was rather poorly known.

(Andrea Carignani)

843 NOÈ, ENRICO. Ferdinand de Saint-Urbain, medaglista bolognese. *Medaglia* Vol. 15 No. 22 (1985) (Milan, S. Johnson 1987) pp. 62-87 illus.

On the basis of medals and bronzes, the author reconstructs the life and personality of the Lorraine artist Ferdinand de Saint-Urbain, who worked in Bologna for more than 50 years at the turn of the 18th century. (Andrea Carignani)

844 NOÈ, ENRICO. Profilo della medaglia bolognese del Settecento. *Medaglia* Vol. 12 No. 19 (Milan, S. Johnson 1984) pp. 65-110 illus.

The author takes into consideration the modest artistic level of the 18th century medalist of Bologna, where, with very little exception, a documentary interest prevailed. (Andrea Carignani)

845 OBERMAJER, JAROSLAV. Riflessioni sul tema: medicina in medaglia. *Medaglia* Vol. 14 No. 21 (Milan, S. Johnson ed., 1986) pp. 89-106 illus.

The story of medicine, as represented on medals, is given in a survey which embraces the period between the 16th and 20th century. (Andrea Carignani)

846 ÖLÇER, CÜNEYT. Osmanli Delegationlerinin Katildiği Kongrelere Ait 7 Madalya [Seven Medallions of Congresses with Turkish Delegations]. *Varia Turcica IX*. (Istanbul, Editions Divit Press 1987) pp. 279-285.

Seven medallions, which refer to 2 documents, are discussed. (Ömer Diler)

847 PANDULA, ATTILA. A Habsburg birodalom női rendjeleinek, kitüntetéseinek rendszere [The Scheme of the Orders and Decorations for Women in the Hapsburg Empire]. *Clio* (Budapest, Fiatal Oktatók Közleményei 1986) pp. 313-355.

The author surveys the orders founded for women, mainly in German territory, in the 17th-20th centuries. He then deals with all the orders for women, their foundations and history in the Hapsburg Empire. (István Gedai)

848 PFEFFERKORN, MICHAEL G. St. Louis World's Fair Medal Miniatures. *MojNum* (July 1987) pp. 52-53 illus.

The author postulates the existence of at least 10 different miniatures struck in aluminum, brass and bronze. 11 unpublished pieces are listed in this article, the third in a series. (Author)

849 PRIVITERA, VINCENZO. Le medaglie di Mario Rutelli. *Medaglia* Vol. 14 No. 21 (Milan, S. Johnson 1986) pp. 74-88 illus.

The author publishes the first exhaustive monograph on the medallic activity of the sculptor Mario Rutelli (1859-1941), who was active in Rome between 1909 and 1927. (Andrea Carignani)

850 PROŻOGO, KONSTANTY. *Medale chełmskie 1765-1982* [Medals of Chełm 1765-1982]. (Chełm, 1983) 152 pp. illus.

The author publishes a catalogue of 66 medals connected with Chełm (eastern Poland), struck between 1765 and 1982. (Andrzej Mikołajczyk)

851 PUHLE, MATTHIAS. Der Gnadenpfennig von Herzog August d.J. von Braunschweig-Lüneburg (1579-1666) aus dem Jahre 1623. *Städtisches Museum Braunschweig Miscellen No. 44*. (Braunschweig, Städtisches Museum 1987) 7 pp. illus.

A hitherto unknown gold medal, a so-called "gnadenpfennig" of Duke August the Younger of Brunswick is published. (Peter Ilisch)

852 RECKEWELL, ROGER and FISCHER, JENS. Orden, Ehren- und Abzeichen des Herzogtums Braunschweig-Lüneburg von 1809 bis 1918. *Arbeitsberichte, Veröffentlichungen aus dem Städtischen Museum Braunschweig*. Vol. 54 (Braunschweig, Städtisches Museum 1987) 64 pp. illus.

The orders and medals issued by the Duchy of Brunswick-Lüneburg between 1809 and 1918 are described. The backgrounds are explained. (Peter Ilisch)

853 REMICK, JERRY. Medals for the Winter Olympics and the Rebellions of 1837. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) pp. 318-319 illus.

The designs by Robert Ayotte for the medals to commemorate the 1988 Calgary Winter Olympic Games and the 150th Anniversary of the 1837 Rebellion in Canada are described. (Candace Carter)

854 SARACINO, FAUSTO. L'opera medagliistica dell'incisore Cav. Antonio Fabris (Udine 1790-Venezia 1865). *Medaglia* Vol. 13 No. 20 (Milan, S. Johnson 1985) pp. 58-106 illus.

The author reconstructs the artistic image of A. Fabris, Udinese medalist of the 1800s, active in Florence and Venice. 59 medals are examined. (Andrea Carignani)

855 SMOLDEREN, LUC. Jean Second Médailleur. *HandelOudheidkunde Mechelen* Vol. 90 (1986) pp. 61-86 illus.

The known medallic work of the poet Janus Secundus, i.e., 14 medals produced from 1528 to 1534, is catalogued, discussed and examined historically, artistically and technologically. (Paul Naster)

856 SPRUTH, FRITZ. Bergbaumedailen 1986. *GN* Vol. 22 No. 121 (1987) pp. 214-219 illus.

German medals, issued in 1986, which relate to mining, are discussed. (Peter Ilisch)

857 STEULMANN, GERT. *Die Schützenmedaillen und Abzeichen der deutschen*

und österreichischen Bundesschiessen. (D-1000 Berlin 33, Verlag Gernot Dorau, Johann Georgstrasse 2, 1987) 141 pp. illus.

410 medals and tokens relating to the German and, from 1880, the Austrian Federal Shooting Festivals are described and illustrated. *(Peter Ilisch)*

858 TALVIO, TUUKKA. A political medal in disguise. *The Medal* No. 11 (Summer 1987) pp. 37-38 illus.

Erik Lindberg's medal of the tercentenary of the Finnish town of Vaasa in 1911 is discussed. The reverse legend, *Exoriare (Aeneid IV.625)*, can be connected with the political atmosphere of the day. *(Author)*

859 TALVIO, TUUKKA. Hedlinger's medals of Swedish universities. *The Medal* No. 11 (Summer 1987) pp. 28-29 illus.

Hedlinger's series of jetons includes medals of the universities of Uppsala, Åbo (Turku), and Lund, struck in 1733. *(Author)*

860 TALVIO, TUUKKA. Riilahden taistelun mitalit [The Medals of the Battle of Riilahti (Rilax)]. *Hankoniemi 1700-luvulla.* Edited by Birgitta Ekström. (Hanko, 1987) pp. 93-105 illus.

The Russian and Finnish medals as well as a commemorative coin relating to the 1714 battle of Riilahti near Hankoniemi (Hangöudd, in Russian known as 'Gangut') are presented. *(Author)*

861 TAYLOR, C.R.H. Imitations of Paduans. *NZMJ* Vol. 17 No. 2 (May 1987) pp. 48-49 illus. between pp. 54-55.

The Wellington Museum holds a cast coin which combines a reverse attributed to Cavino (Securitas) with an obverse inspired by the Zeus head on the coins of Philip II of Macedon. *(John Melville-Jones)*

862 UNGER, WILLY. Der Berliner Bildhauer Fritz Schulz—Nestor des Medaillenschaffens in der DDR. *Oeuvre-Verzeichnis 1951-1969. NumBeitr* Vol. 20 No. 1 (1987) pp. 6-17.

The medals created by Fritz Schulz between 1951 and 1969 are discussed in detail in a catalogue. *(Paul Arnold)*

863 VANDENBERGHE, ST. Een zestiende-eeuwse medaille met de voorstelling van de Hl. Rumoldus [A 16th Century Medal with St. Rumoldus]. *Taxandria* New series, Vol. 57 (B-2300 Turnhout, Belgium 1985) pp. 219-220 illus.

While dredging the Dyle river at Mechlin (Belgium) after 1970, an oval medal in silver, 48 x 68 mm, was found. The medal has St. Rumoldus between symbols on the obverse and the symbols of the Passion of Christ and the text **GREG P.P.XIII.IVBILAE(u)M.MACHL. 1576** on the reverse. *(Paul Naster)*

864 VANNI PECCATORI, FRANCA MARIA. Le medaglie dei Signori di Piombino. Appunti per una ricerca. *Le monete di Piombino dagli Etruschi ad Elisa Baciocchi*. Catalogo della mostra, Piombino 1987. (Pisa, Pacini 1987) pp. 97-103 illus.

A bronze medal, designed by Giovanni Jacopo Cormanò, commissioned by Paolo Giordano Orsini, Duke of Bracciano, the second husband of Isabella Appiani, is illustrated. Another 7 medals designed by Cormanò in honor of Orsini are recorded.
(Sara Sorda)

865 VOLTOLINA, PIETRO. Cronogramma: nota di medaglistica barocca. *Medaglia* Vol. 12 No. 19 (Milan, S. Johnson 1984) pp. 111-112 illus.

On many medals struck in the countries of Central Europe between the end of the 1500s and the first half of the 1700s, the author observes the presence in the legend of several very large letters (I, L, D, M, C, etc.), which must be understood as a true and proper chronogram. With this device, other words, which indicate the date of the medal or the depicted events, may be ascertained. (Andrea Carignani)

866 VOLTOLINA, PIETRO. Galleria della Repubblica di Venezia II. *RIN* Vol. 88 (1986) pp. 187-234 illus.

On the basis of representations on unpublished medals, a new review of the individuals and events relating to the history of Venice is given. (Andrea Carignani)

867 VOLTOLINA, PIETRO. Medaglie relative alle chiese di Venezia e alle altre isole della Laguna. Parte I. *Medaglia* Vol. 15 No. 22 (Milan, S. Johnson 1987) pp. 37-61 illus.

The study, divided into 3 parts, examines the medals which constitute the evidence of the events (foundations, restorations, etc.) of the churches of Venice and its lagoon.
(Andrea Carignani)

For additional references to Medals and Decorations, see the following abstracts:

Roman, Nos. 221, 249.

Western and Central Europe, Nos. 587, 598, 601, 625, 688.

Tokens and Jetons, Nos. 940, 944.

PRIMITIVE MONEY

868 Dolphin teeth, shells among primitive money. *CW* Vol. 28 (7 Oct. 1987) p. 37.

A presentation on the monetary systems of the early inhabitants of the South Pacific Islands by James P. Current at the Numismatic Theater of the American Numismatic Association's convention in Atlanta in August 1987, is briefly summarized.
(Candace Carter)

For additional references to Primitive Money, see the following abstracts:

Greek, No. 88.

Far East, No. 434.

PAPER MONEY

869 BOLING, JOSEPH E. They're Tougher by the Dozen: Varieties of Japan's 1953 100 Yen Note (P90). *IBNS* Vol. 26 No. 3 (Sept. 1987) pp. 80-81 illus.

The 12 varieties of this note, based on paper color, serial number prefix (single-letter or double-letter), and the secret marks for the 4 printing plants, are described. This article is reprinted from *The Banknote Trader* Vol. 2 No. 1 (May 1983). (Author)

870 COWAN, ARNOLD M. CSA Enigma Solved? *Num* Vol. 100 No. 12 (Dec. 1987) pp. 2533-2536 illus.

The author discusses the \$10 and \$20 bills of 2 September 1862 (Criswell types T47 and T49), presumably issued by the Confederate States of America. The author, however, believes that these bills are bogus—produced in the North for use in the South during the Civil War. (Candace Carter)

871 DAI RENHE. The First Issue of One Yuan War Bond in the Base of Hunan-Jiangxi Provinces. *ColChinNumTheses* No. 4 (1986) p. 69 illus. In Chinese.

872 DEANA SALMERON, ANTONIO. Nuevo Billeto Conmemorativo de Colombia. *SocNumMéxico Bol* Vol. 17 No. 125 (Oct.-Dec. 1984) pp. 97-100 illus. English and Spanish.

A thorough description of the new Columbian commemorative 2000 Peso banknote issues by Banco de la República (Columbia) is given. (Miguel L. Muñoz)

873 DENIS, GARY C. WWII Washington Counterfeits of Japanese Occupation Currency for the Philippines. *IBNS* Vol. 26 No. 3 (Sept. 1987) pp. 68-73 illus.

The author reproduces documentation from the MacArthur Archives, which contains examples of counterfeit Japanese notes for the occupied Philippines, prepared by the U.S. Government at the request of MacArthur's headquarters. Other known and suspected counterfeit Philippine occupation notes are surveyed and their status as actual counterfeits is evaluated. (Joseph E. Boling)

874 DÖLL, WILHELM. *Notgeld and Wertmarken im Kreis Warendorf*

1914-1974. *Ein Beitrag zur Heimatgeschichte. Rheine.* (Listrupweg, Wilhelm Döll, 123, D-4440 Rheine 1987) 135 pp. illus.

The author catalogues and describes the emergency metal and paper money issued in the Kreis Warendorf, including issues from p.o.w. camps and private firms, mostly from World War I and the subsequent period of high inflation, as well as some tokens.
(Peter Ilisch)

875 DOUGLAS, JAMES. *20th Century Scottish Banknotes.* Vol. 1. (Carlisle, Banking Memorabilia 1984) 170 pp. illus. ISBN 0-947797-009.

An exceptionally detailed catalogue of the issues of the Bank of Scotland, the British Linen Bank and the Union Bank of Scotland Ltd. is published. Large amounts of data on designs, bank histories, serial number/signature combinations, etc. are included.
(Joseph E. Boling)

876 DOUGLAS, JAMES (completed by Robert W. Pringle). *20th Century Scottish Banknotes.* Vol. 2. (Carlisle, Banking Memorabilia 1986) 150 pp. illus. ISBN 0-947797-025.

A catalogue of the Royal Bank of Scotland plc, the Royal Bank of Scotland, the National Bank of Scotland Ltd., the Commercial Bank of Scotland Ltd., and the National Commercial Bank of Scotland Ltd. is published.
(Joseph E. Boling)

877 FAN YUEWU. The Guanghua Printing Plant under the Sanxi-Gansu-Ninxia Border Bank. *ColChinNumTheses* No. 4 (1985) pp. 63-65. In Chinese.

878 FARAHBAKHSI, F.N. *Standard Catalog of Iranian Banknotes: 1888-1983.* Second Edition. (Tehran, The Author, undated). Parallel in English and Farsi.

A brief survey of Persian/Iranian notes is given, and the issues are catalogued. German occupation notes (WWI), circulating checks (1952) and notes of Iranian Azerbaijan (post-WWII) are included. All regular issues and many varieties are illustrated in color. The published catalogue values are the author's (a Tehran philatelic dealer), who offers to sell in the various grades given.
(Joseph E. Boling)

879 FISHER, JACK H. King George V and Queen Mary Influenced Canadian Notes. *IBNS* Vol. 26 No. 2 (June 1987) pp. 46-47 illus.

Canada's 1935 accession-anniversary commemorative notes (\$1 and \$2) are discussed, along with brief biographies of George V and Mary.
(Joseph E. Boling)

880 FRIEDMAN, HERBERT A. White Army Overprints on Russian Civil War Correny [*sic*]. *IBNS* Vol. 26 No. 3 (Sept. 1987) pp. 74-77 illus.

A description of several of the White Army "agitation" overprints listed by Kardakoff and a previously unlisted overprint are presented with background information. The author had access to a folder, apparently prepared at the Kharkov Office of the State Bank in September 1919, which contained several notes bearing these propaganda overprints.
(Joseph E. Boling)

881 GAO SHIDING and XU SHOUFU. A Material Proof of the Paper Money of the Northern Song Dynasty. *ColChinNumTheses* No. 2 (1986) p. 73.

882 HADŽI-PEŠIĆ, JOVAN. Sto godina od početka rada Narodne banke u Beogradu i od puštanja u opticaj prve srpske novčanice [A Hundred Years Since the Opening of the National Bank in Belgrade and Release of the First Serbian Banknotes into Circulation]. *Numismatičar* Vol. 8 (1985) pp. 70-90.

The movement from the first recorded proposal of 1845 to the bank's opening 2 July 1884 to form a Serbian National Bank is described. Particular attention is paid to the issue of the first Serbian banknotes, dated 2 July and 1 September 1884, which were not officially withdrawn from circulation until 5 February 1921.

(D. Gaj-Popović)

883 HANSCOM, DICK. Yukon "Placer Gold Mining Bucks." *NI* Vol. 20 No. 5 (May 1986) pp. 106-107 illus.

The author discusses the overprints used to protest the possible closing of placer mines.

(Joseph Uphoff)

884 HARGREAVES, R.P. George Read Notes; were they issued? *NZNJ* Vol. 17 No. 2 (65) (May 1987) pp. 38-40; illus. precedes p. 55.

Although one note survives with a signature, it is not likely that these notes were ever actually issued in New Zealand.

(John Melville-Jones)

885 HART, T.J. Some Notes on the Early Notes of the Union Bank of Australia. *JNAAus* Vol. 2 (1986) p. 58.

Letters, dated 1840-1842, preserved in the archives of the Australian and New Zealand Bank in Sydney, provide further information about these notes.

(John Melville-Jones)

886 HEBERT, R.J. Chinese Cloth Currency. *NI* Vol. 21 No. 7 (July 1987) pp. 165-167 illus.

The author discusses two notes issued by the Szechuan-Shensi Provincial Soviet Workers and Farmers Bank.

(Joseph Uphoff)

887 HENDERSON, LEN. The Hay Internment Camp Notes. *AusNum* Vol. 1 (1986) pp. 10-17.

The notes were produced by internees in 1941 at their camp in New South Wales.

(John Melville-Jones)

888 HERRERA CEDILLO, JOSE LUIS. La Guerra de Texas y su Papel Moneda 1835-1836. *SocNumMéxico Bol* Vol. 17 No. 126 (Jan.-March 1985) pp. 130-144 illus. English and Spanish.

The author discusses colonization, federalism, centralism and the economic con-

ditions of Mexico in 1835-36. The first paper money (vouchers) and the five dollar note of the Republic of Texas are included. (Miguel L. Muñoz)

889 HESSLER, GENE. More Engravers' Initials on U.S. B.E.P. Notes. *IBNS* Vol. 26 No. 2 (June 1987) pp. 44-45 illus.

In a follow-up to Payton's article of the same subject and the same issue, the author presents 6 additional examples of U.S. notes upon which the engravers' names are hidden within the intaglio work. (Joseph E. Boling)

890 HEWITT, V.H. and KEYWORTH, J.M. *As Good as Gold: 300 Years of British Bank Note Design*. (London, British Museum Publications, Ltd. 1987) 160 pp. illus. ISBN 0-7141-0868-5.

The authors publish a comprehensive history of British notes and the evolution of their designs and production processes, from pen-and-ink to highly sophisticated multi-colored engraved and lithographed technology. The Bank of England notes are emphasized, but also the products of the provincial banks are addressed in some detail, especially for the years when those banks were leading the way in the use of innovative security features. Scores of illustrations of exceptionally rare material from the Bank of England collection are included. (Joseph E. Boling)

891 HORSTMAN, RONALD L. A Favorite Bank Note Vignette, James David Smillie's 'The Mill Door.' *MoJNum* Vol. 12 (July 1987) pp. 38-40.

A reprint of an article previously published in *The Essay Proof Journal*, No. 173, discusses the family of engravers and the known use of the vignette. (Michael G. Pfefferkorn)

892 HUMPHRIS, JOHN G. How to Collect Paper Money of the World. *CW, World Coins Supplement* (Feb. 1987) pp. 3-50 illus.

893 ISSA, NICOLAS B. Nuevas Aportaciones a la Criptografía en los Billetes de México. *SocNumMéxico Bol* Vol. 17 No. 125 (Oct.-Dec. 1984) pp. 101-104 illus. English and Spanish.

New contributions to the cryptography on the One Peso and the Fifty centavo notes issued by the Provisional Government of Mexico on 1 May 1916 are given. The author explains how to form the word INDOMABLES (Untamable) on the One Peso note and the initials and word B(enito) J(uarez) GUELATAO (Juarez's home town) on the Fifty Centavo note. (Miguel L. Muñoz)

894 KOS, PETER, SIMCIC, BRANKO, BRISKI, MARTIN and SKER-JANEC, CIRIL F. *Slovenska Partizanska Placilna Sredstva* [The Slovene Partisan Means of Payment; Les Moyens de Paiements des Partisans Slovenes]. (Ljubljana, National Bank of Slovenia 1977) 183 pp. color illus. In Slovene, English and French.

The history and catalogue of the bonds, deposit receipts and notes used by the

Slovene partisans from 1941-45 during their activities against the Germans and Italians are published. Detailed descriptions of the issues, the underlying economic and political decrees and regulations, and production information are included. Designs and proofs prepared, but never produced or issued, are also presented.

(Joseph E. Boling)

895 LI MING. A Brief History of Bank-note Printing in the Central China. *ColChinNumTheses* No. 2 (1985) p. 40 illus. In Chinese.

896 LIU SHIRONG. The Brief Condition of the Banknote Printing by the Banknote Printing Plant under the North Eastern Bank during the Liberation War. *ColChinNumTheses* No. 4 (1986) pp. 25-37 illus. In Chinese.

897 MAC KENZIE, KENNETH M. Banknotes from Ottoman Tunisia. *IBNS* Vol. 26 No. 2 (June 1987) pp. 48-49 illus.

The 1849 notes issued by Mahmud bin 'Ayad under Ahmed Bey in Tunis are discussed.

(Joseph E. Boling)

898 MARQUIS, YVON. The Progressive Dividend Coupons of Romeó Deschênes Ste-Paula, Quebec. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) pp. 320-322 illus.

The dividend coupons, issued by the Romeó Deschênes General Store in Ste-Paula and used from 1952 to 1958, are described and illustrated.

(Candace Carter)

899 MU HONGLI. A Brief Discussion on the Historical Position of the Reform of the Currency System of Emperor Kublai and the Paper Money System of the Yuan Dynasty. *ColChinNumTheses* No. 1 (1986) pp. 30-35.

900 ÖLÇER, CÜNEYT. 2000 Kuruşluk Evraki Nakdiye [Paper Monies of 2000 Kuruş]. *BültenTürkNumSoc* Vol. 22 (1987) pp. 4-12.

The author presents a heretofore unknown note discovered in the Prime Ministry archives. Some important documents were in the same place.

(Ömer Diler)

901 PAYTON, MIKE. Engravers' Initials on U.S. B.E.P. Notes? *IBNS* Vol. 26 No. 2 (June 1987) p. 43 illus.

The unusual presence of initials (apparently those of the engravers) on 2 notes of the Philippines prepared by the U.S. Bureau of Engraving and Printing is described.

(Joseph E. Boling)

902 PIOTROWSKI, WALERIAN. Pieniądz papierowy Ukrainy 1917-1920 [Paper Money of the Ukraine, 1917-1920]. *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) pp. 25-30 illus. English summary.

The different banknotes issued by various national and Soviet Ukrainian govern-

ments between 1917 and 1920 are discussed. The karbowaniec and hriwna of 100 szahiw were the denominations of the notes introduced in the Ukrainian state before it was incorporated into the Soviet Union. (Andrzej Mikołajczyk)

903 POLESKE, LEE E. Bernardo O'Higgins, Liberator of Chile. *IBNS* Vol. 26 No. 2 (June 1987) pp. 36-42 illus.

O'Higgins's extensive campaigns during several South American revolutions are surveyed. The representations of the participants in those historical events in the vignettes of the South American banknotes are illustrated. (Joseph E. Boling)

904 RITZINGER, JOSEF. Staatsnoten in Österreich und Österreich-Ungarn (1811-1909). II. Numismatischer Teil. *GN* Vol. 22 (1987) pp. 220-228.

Details concerning the printing, issue and circulation of state banknotes in Austria-Hungary between 1811 and 1909 are discussed. (Peter Ilisch)

905 RÖBLITZ, GÜNTHER, FUNK, HANS and THIELE, DIETER. Nachträge zur Schrift "Das Jenaer Notgeld." *NumBeitr* Vol. 20 No. 1 (1987) pp. 37-38.

The authors publish additions to their 1983 work *Das Jenaer Notgeld*. (Paul Arnold)

906 ROGERS, K.A. How many toes on a lung? *BNR* (June 1987) p. 42 illus.

The varieties of *lung* (dragon) appearing on Chinese and Japanese banknotes and the significance of the number of toes on each foot of the *lung* are discussed. (Joseph E. Boling)

907 SCHMIDT, ANDRZEJ. W sprawie banknotów Powstania Warszawskiego [On the Banknotes of the Warsaw Uprising]. *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) pp. 17-24 illus. English summary.

During the Warsaw uprising against the Nazis (August-early October 1944) some Polish troops overprinted the contemporary notes of the general government with different inscriptions. Not introduced into circulation, the notes were distributed as commemorative tokens toward the end of the fighting. The author doubts the authenticity of some prints and acknowledges others. (Andrzej Mikołajczyk)

908 SCHÖNE, MICHAEL H. Das Notgeld des Jahres 1945 mit Kataloganhang der Ausgaben in Reichsmarkwährung. *NumBeitr* Vol. 19 No. 4 (1986) pp. 7-22 and 27-30.

The author discusses the paper emergency notes of Germany in 1945. (Paul Arnold)

909 SCHROCK, U.E.G. Hamelner Notgeld—einmal nicht der Rattenfänger. *GN* Vol. 22 No. 120 (1987) pp. 175-178 illus.

In 1921 the magistrate of the city of Hameln printed pseudo-emergency paper money to sell to collectors, in spite of a government prohibition against issuance of such banknotes. The details of preparation and distribution are related. (*Peter Ilisch*)

910 SCHWAN, FRED. *Military Payment Certificates*. Second Edition. (Port Clinton, OH, USA, BNR Press 1987) 176 pp. illus. ISBN 0-931960-21-5 (soft-bound); 0-931960-22-2 (hardbound)

The new edition of the definitive book on U.S. MPC's, including descriptions and photographs of 2 never-released series, is published. There has been extensive new research on Korean and Thai MPC coupons. This edition is a substantial updating of the earlier one. (*Joseph E. Boling*)

911 SHRESTHA, BHUPANDRA NARAYAN. *Tibetan Paper Currency*. (St. Albans, Herts., Transatlantic Authors, Ltd. 1987) 76 pp. illus.

A compendium of information based on the examination of thousands of Tibetan notes during the author's career as a money-changer in Nepal is published. Great detail is given on designs, inscriptions, production methods, serial number ranges, errors observed, rarity of types and varieties, and even forged notes. This book, published by xerography, is the definitive work to date. (*Joseph E. Boling*)

912 TAN MAIDA QUKU and YAO SHUOMIN. The Change of Value of the Paper Money of the Yuan Dynasty. *ColChinNumTheses* No. 4 (1985) pp. 46-53 illus. In Chinese.

913 TANG MINGFU and JI JINSHUN. The Special Circulating Bill of the Counties Jiang, Gao, Bao and Xing. *ColChinNumTheses* No. 4 (1986) p. 68 illus. In Chinese.

914 TERADA, CHIKAO. *Nihon no Gumpyō—Japanese Military Currency: 1877-1945*. (Tokyo, Otani 1987) 150 pp. illus. In Japanese.

A comprehensive description of Japanese military and occupation currencies from the Seinan Rebellion (1877) through World War II. The author includes maps and historical photographs of the campaigns in which the notes were used, as well as illustrations of pattern coinage prepared for, but not issued in, occupied regions during WWII. (*Joseph E. Boling*)

915 TIAN LIYING. The Theory on Paper Money of the South Song Dynasty. *ColChinNumTheses* No. 1 (1986) pp. 51-55. In Chinese.

916 TURRO I MARTINEZ, A. El cinquantenari del paper moneda català. *ActaNum* Vol. 16 (1986) pp. 195-199 illus.

The 1936 issues of the Generalitat de Catalunya are discussed.

(*Leandre Villaronga*)

917 VORT-RONALD, MICHAEL P. Australian High Value Superscribed

Notes. *JNAAus* Vol. 2 (1986) pp. 53-58.

Information about these notes (including the numbers outstanding) has been preserved in the archives of the Reserve Bank of Australia. (John Melville-Jones)

918 VORT-RONALD, MICHAEL P. The Prince of Wales Specimen Notes. *JNAAus* Vol. 3 (1987) pp. 31-34.

These previously unrecorded specimens of Australian notes, produced in 1933, were auctioned in 1986. (John Melville-Jones)

919 WANG DAN. "The Lithographic Printing Section" of the Soviet District of Hubei, Henan and Anhui Provinces. *ColChinNumTheses* No. 4 (1986) pp. 46-47. In Chinese.

920 WANG TONG. The Brief Condition of the Issuance of Paper Money in the Liberation Area of Eastern Mongolia. *ColChinNumTheses* No. 3 (1986) pp. 10-16 illus. In Chinese.

921 WU CHOUZHONG. The Bank Sponsored by Dr. Sun Yi Xian in Guangdong and the Issuance of its Banknotes. *ColChinNumTheses* No. 4 (1986) p. 41. In Chinese.

922 WU CHOUZHONG. The First Chinese Administered Bank and Banknotes Issued by it. *ColChinNumTheses* No. 2 (1985) p. 39. In Chinese.

923 WU CHOUZHONG. The First Government Bank of China and its Banknote Issuance. *ColChinNumTheses* No. 3 (1985) pp. 64-65 illus. In Chinese.

924 WU CHOUZHONG. The First Reserve Bank and the Banknotes Issued. *ColChinNumTheses* No. 4 (1985) p. 66. In Chinese.

925 XIONG HANDONG. The Two Copper Printing Plates kept in the Museum of City Yancheng for Printing Anti-Japanese notes. *ColChinNumTheses* No. 4 (1986) pp. 50-52 illus. In Chinese.

926 YI YA. The Bank of China and the Issued Banknotes. *ColChinNumTheses* No. 1 (1986) pp. 38-40 illus. In Chinese.

927 ZHAO HEIYUAN. The Ins and Outs of the Issuance of Zhong Zhou Banknotes. *ColChinNumTheses* No. 4 (1986) pp. 4-9. In Chinese.

928 ZUO BAOCHANG and WU KAITAI. The Beginning and End of the Printing of the Second Series of Renminbi to Commemorate the 10th

Anniversary of the Passing Away of Premier Zhou. *ColChinNumTheses* No. 1 (1986) pp. 60-66 illus. In Chinese.

For additional references to Paper Money, see the following abstracts:

Far East, Nos. 443, 447, 457, 488, 529, 538, 545.

Western and Central Europe, No. 587.

TOKENS AND JETONS

929 A Glossary of Terms for Nova Scotia Thistle Tokens. *CNJ* Vol. 32 No. 6 (June 1987) pp. 247-249 illus.

Ten terms used to describe these tokens are defined. (Candace Carter)

930 DETWILER, JACK R. The Starting Point—NYC Merchants. *The Civil War Token Journal* Vol. 21 No. 4 (Civil War Token Society, Tecumseh, MI, USA, 1987) pp. 6-14 illus.

The author details the merchants of New York City, who are representative of the entire store card series. (Candace Carter)

931 DOTY, RICHARD G. British Tokens and the Industrial Revolution. *CW, World Coins Supplement* (April 1987) pp. 3-49 illus.

The author describes a change in the form of wage payment—tokens—during the late 18th century. 16th-19th century tokens are discussed and illustrated. (Candace Carter)

932 DRUART, JACQUES. Découverte de jetons inédits à Soignies. *Vie num* Vol. 37 (1987) pp. 10-15 illus.

Tokens in zinc, with values of 1, 5 and 10 centimes, were struck in 1894 for the Cooperative La Concorde in Soignies (Hainault, Belgium) to be distributed with the bread bought by its members. (Paul Naster)

933 FOUGERE, J. JOE. Nova Scotia Thistle Tokens, 1823-1843. *CNJ* Vol. 32 No. 6 (June 1987) pp. 250-271 illus.

The author publishes the history, specifications and a list of all known varieties, with meaningful descriptions, of these tokens, issued in the early 1800s. All known material is incorporated in this article. (Candace Carter)

934 GABRISCH, KARL. Grain tokens from Tibet. *ONSN* No. 82-83 (Feb.-April 1983) illus.

The author publishes 2 Tibetan 5 sho pieces, overstruck on one side with a new

legend, which obliterates the former legend, and defaces the legend on the other side. The new legend has been read as **Lhusa Factory. Four Tael. Ration**, probably struck ca. 1952. (Stan Goron)

935 GOMEZ SABORIO, GABRIEL. Las Monedas de Hacienda de México. *SocNumMéxico Bol* Vol. 17 No. 123 (April-June 1984) pp. 32-48 illus. English and Spanish.

Hacienda tokens were at one time the money of the people of Mexico. The author offers information on values, salaries, working hours, etc. of 9 haciendas. This article is continued; see *NL* 119-936. (Miguel L. Muñoz)

936 GOMEZ SABORIO, GABRIEL. Las Monedas de Hacienda de México. *SocNumMéxico Bol* Vol. 17 No. 124 (July-Sept. 1984) pp. 59-74 illus. English and Spanish.

The second part of the article gives information on an additional 11 haciendas. (Miguel L. Muñoz)

937 MAY, TOM. The 'Tea Stores' Tokens and their connection with Samuel Peek. *JNAAus* Vol. 2 (1986) pp. 62-64.

These tokens were initially struck at Sydney in 1852. (John Melville-Jones)

938 MINNITT, STEPHEN C. A hoard of 17th century trade tokens from Norton Fitzwarren. *ProcSomerset ArchNaturHistSoc* Vol. 129 (1985) pp. 106-107.

A hoard of farthing tokens, deposited ca. 1658 or later, all from issuers at Taunton, Somerset. (Edward Besly)

939 MOLNÁR, MIHÁLY. A számolópfennigek [The Counter-pfennigs]. *AzÉrem* No. 1 (1987) pp. 28-30.

The author discusses the history of the counter-pfennigs (Rechenpfennig, calculus, jeton, contador, legpennig, etc.) and their types. (István Gedai)

940 MOORES, CAROLYN T. Jesse James, Outlaw and Folk Hero. *Mo-JNum* Vol. 12 (July 1987) pp. 3-5 illus.

A biography of Jesse James is illustrated by tokens and medals commemorating his life and his connection with Meramec Caverns. (Michael G. Pfefferkorn)

941 PFEFFERKORN, MICHAEL G. Patented Scrip in Missouri. *Mo-JNum* Vol. 12 (July 1987) pp. 54-62 illus.

The author publishes the third installment of a series describing various credit systems used in Missouri. The method of documentation is discussed. Manufacturers' prices of the tokens are reproduced from a sales list dated ca. 1916. An alphabetical listing of known token issuers is begun (Ahrens & Pfefferkorn of Oran to F.P. Dye

and Brother Mer. Co. of Vandalia), including company history and known token types and denominations. (Author)

942 Porcelain tokens not just notgeld. *CW* Vol. 28 (7 Oct. 1987) p. 42.

The presentation by Irene M. Alexander at the American Numismatic Association's convention in Atlanta in August 1987 is briefly summarized. Alexander disproves the idea that German porcelain tokens were Depression-era issues of necessity.

(Candace Carter)

943 RECOUDY, FR. L'expérience financière du baron Goertz. *Vie num* Vol. 37 (1987) pp. 3-8.

Sweden's King Charles XII (1697-1718) was most unhappy during his wars until 1709 and continued to have many difficulties even later. George Henry von Goertz, the master of Swedish finances from 1715 to 1719, created tokens to replace coins, which had virtually disappeared from circulation. A little more than 40 million tokens of 10 different types, all with the value of a daler, were struck. The repayment started in 1719 (15%) and was not yet finished in 1760 (85%), when they were worth half their initial value.

(Paul Naster)

944 REIS, BOB. Two Turkish Tokens and a Medal. *NI* Vol. 20 No. 5 (May 1986) pp. 113-114 illus.

The author publishes a 500 Kurus token, created for the A.M.K.S. Industrial plant in 1934; a 1 Kurus token created for the Maritime Bank in Istanbul in 1938; and, a medal made in 1924 for the Turkish Commercial Bank.

(Joseph Uphoff)

945 REMICK, JERRY. The Sesquicentenary of the Rebellion of 1837. *CNJ* Vol. 32 No. 8 (Sept. 1987) p. 380 illus.

One of the major events in the Rebellion of 1837 in Lower Canada is commemorated by a trade token released by the J.A. Moisan grocery store of Quebec City. The obverse shows the Moisan store; the reverse depicts a *Patriote of the time of the Rebellion*.

(Candace Carter)

946 REMICK, JERRY. The \$2.00 Municipal Trade Token of Charny. *CNJ* Vol. 32 No. 8 (Sept. 1987) p. 357 illus.

The trade token commemorates the 70th anniversary of the opening of the Quebec Railway Bridge which crosses the St. Lawrence River, connecting Charny with Quebec City. Jean Castonguay did the art work for the token.

(Candace Carter)

947 REMICK, JERRY. Wildwood's \$2 Tokens for World Coin Week. *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 339 illus.

Two \$2 tokens, issued by Wildwood, Alberta, are described and illustrated. One token commemorates World Coin Week 1987; the other depicts Wildwood's elementary school, built in 1949 and demolished in 1986.

(Candace Carter)

948 THOMPSON, R.H. A Berkshire Token with a Strange Device. *NCirc* Vol. 95 No. 2 (March 1987) pp. 40-41 illus.

The author suggests that the device on Thomas Underwood's Reading Token of 1666 (W.121) is a dress-fastener. (Edward Besly)

949 WHITTET, T.D. Wiltshire Apothecaries' Tokens and their issuers. *Wiltshire ArchMag* Vol. 81 (1987) pp. 74-79 illus.

950 WILSON, LARKIN. New Patriotic 30A-277ABR R-9: Two Unlisted Dies. *The Civil War Token Journal* Vol. 21 No. 4 (Civil War Token Society, Tecumseh, MI, USA, 1987) p. 19 illus.

The author describes a new Civil War token which represents the new patriotic listing 30A-277A, a product of die sinker Schubael Davis Childs of Chicago, Illinois. (Candace Carter)

951 WISÉHN, IAN. Okända polletter från Småland [Unknown Tokens from the Province of Småland, Sweden]. *SNT* No. 7 (Oct. 1987) pp. 214-215 illus.

An unknown number of tokens were unearthed in 1863; 26 are preserved in the Royal Coin Cabinet, Stockholm, but are still unidentified. (Ulla Westermark)

For additional references to Tokens and Jetons, see the following abstracts:

General, No. 38.

United States, Nos. 748, 756.

Canada, No. 763.

Paper Money, Nos. 874, 907.

REVIEWS

A Survey of Numismatic Research 1978-1984, Vols. I-II. London 1986. Rev. J.S. Jensen *NNUM* No. 7 (1987) p. 168.

ALFÖLDI, ANDREAS. Caesar in 44 v.Chr., Vol. 1. Studien zu Caesars Monarchie und ihren Wurzeln. Antiquitas, Ser. 3, Vol. 16. Bonn 1985. Rev. D. Kienast *JNG* Vol. 35 (1985) pp. 84-87.

BENDIXEN, KIRSTEN. Sceattas and Other Coin Finds. Ribe Excavations 1970/76, Vol. I. Edited by M. Bencard. Esbjerg 1986. Rev. B. Malmer *Fornvännen* Vol. 81 (1986) pp. 197-200.

BIRÓ-SEY, KATALIN. Pannoniai pénzverés [Coinage of Pannonia]. Budapest 1985. Rev. M. Köhegyi *AzÉrem* No. 1 (1987) p. 27.

BOWERS, Q. DAVID. United States Dimes, Quarters, and Half Dollars: An Action Guide for the Collector and Investor. Wolfeboro, NH, USA 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 335.

BRIN, HOWARD B. A New Interpretation of HVR ha YEHUDIM. Beverly Hills, CA, USA 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 423.

BRIN, HOWARD B. Catalog of Judaea Capta Coinage. Ft. Collins, CO, USA 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 423.

BURNETT, A.M. and CRAWFORD, M.H., Editors. The Coinage of the Roman World in the Late Republic. London 1987. Rev. I. Carradice *NCirc* Vol. 95 No. 5 (June 1987) p. 152.

BURSE, ALEKSANDER. Dawne znaleziska monet Rzymskich w swietle Nowych Badan. *WVN* (1980) pp. 82-93 and (1983) pp. 226-237. Rev. M. Köhegyi *AzÉrem* No. 1 (1987) p. 44.

CALLMER, JOHAN. Sceatta problems in the light of the finds from Åhus. Scripta Minori, Studier utgivna av Kungl. Humanistiska Vetenskapssamfundet i Lund. Lund 1984. Rev. K. Jonsson *Fornvännen* Vol. 82 (1987) pp. 47-48.

CHALLIS, C.E. and DYER, GRAHAM P. The Arms of the Royal Mint. New York 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 336.

CHANTRAINE, H. Novaesium. Vol. 8. Die antiken Fundmünzen von Neuss: Gesamtkatalog der Ausgrabungen 1955-1978. Berlin 1982. Rev. A.M. Burnett *NC* Vol. 143 (1983) pp. 260-261.

CRIBB, JOE. Money from Cowrie Shells to Credit Cards. London 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 422.

CRIBB, J. and FRANCIS, T. The Money Fun Book. London 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 422.

DEPPERT-LIPPITZ, BARBARA. Die Münzprägung Milets vom vierten

bis ersten Jahrhundert v.Chr. Aarau-Frankfurt-Salzburg 1984. Rev. D.O.A. Klose *JNG* Vol. 34 (1984) pp. 180-181.

DÖRY, LUDWIG and KUBINSZKY, MIHALY. Die Eisenbahn auf der Medaille in Mitteleuropa von den Anfängen bis 1945. Ikonographische Studie. Frankfurt 1985. Rev. I.S. Weber *JNG* Vol. 35 (1988) pp. 88-89.

DYER, GRAHAM P. The Royal Mint: An Illustrated History. New York 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 336.

FEARON, DANIEL. Victorian Souvenir Medals. London 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 336.

FRAGINALS, MANUEL MORENA and LEDESONA, JOSE A. PULIDO. Cuba: A Country and Its People. Rev. C. Gregory *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 336.

FREEMAN, ANTHONY. The Moneyer and the Mint in the reign of Edward the Confessor 1042-1066. BAR British Series 145. Oxford 1985. Rev. K. Jonsson *Fornvännen* Vol. 82 (1987) p. 47.

GILLJAM, HANS H. Antoniniani und Aurei des Ulpianus Cornelius Laelianus, Gegenkaiser des Postumus. Cologne 1982. Rev. D.O.A. Klose *JNG* Vol. 33 (1983) pp. 107-108.

GRIERSON, PHILIP and BLACKBURN, MARK. Medieval European Coinage. With a Catalogue of the Coins in the Fitzwilliam Museum, Cambridge. Vol. I: The Early Middle Ages (5th-10th Centuries). Cambridge 1986. Rev. I.S. *NCirc* Vol. 95 No. 3 (April 1987) p. 78.

HAHN, GÜNTHER and KERND'L, ALFRED. Friedrich der Grosse im Münzbildnis seiner Zeit. Berlin 1986. Rev. J.S. Jensen *NNUM* No. 6 (Sept. 1987) pp. 147-148.

HAHN, W. Moneta Imperii Byzantini. Part 3. Vienna 1981. Rev. M. Salamon *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 224-227.

HANNESTAD, NIELS. Roman Art and Imperial Policy. Jutland Archaeological Publications XIX, Aarhus University Press 1986. Rev. A. Kromann *NNUM* No. 5 (1987) pp. 127-129.

HEATON, AUGUSTUS GOODYEAR. Mint Marks: A Treatise on the Coinage of the United States Branch Mints. Wolfboro, NH, USA 1987. Rev. C. Gregory *CNJ* Vol. 32 No. 7 (July/Aug. 1987) p. 335.

HENNEQUIN, GILLES. Les Salgūqs et leurs Successeurs. Catalogue des Monnaies Musulmanes. Vol. V. Asie pré-mongole. Paris 1985. Rev. J. Hoffmann-Heyden *JNG* Vol. 35 (1985) pp. 87-88.

hikuin 11. Festschrift till Brita Malmer 1985. Edited by J.S. Jensen. Moesgård 1985. Rev. K. Jonsson *Fornvännen* Vol. 82 (1987) pp. 48-49.

JONES, MARK. Contemporary British Medals. London 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 422.

JONSSON, KENNETH. Viking Age Hoards and Late Anglo-Saxon Coins.

A study in honour of Bror Emil Hildebrand's "Anglosaxiska mynt." Stockholm 1987. Rev. J.S. Jensen *NNUM* No. 6 (Sept. 1987) pp. 146-147; M. Blackburn *NCirc* Vol. 95 No. 5 (June 1987) p. 152.

JURUKOVA, JORDANKA. Die Münzprägung von Bizye. Berlin 1981. Rev. D.O.A. Klose *Gnomon* Vol. 56 (1984) pp. 522-528.

KÁLLAY, ISTVÁN, Editor. A történelem segédtudományai [The Auxiliary Sciences of History]. Budapest 1986. Rev. Á. Nagy *AzÉrem* No. 1 (1987) p. 49.

KRAUSE, CHESTER L. and MISHLER, CLIFFORD. Standard Catalogue of World Coins. Iola, WI, USA, 1987. Rev. J. Remick *CNJ* Vol. 32 No. 8 (Sept. 1987) p. 374.

LEVY, BROOKS E. and BASTEIN, PIERRE C.V. Roman Coins in the Princeton University Library. I: Republic to Commodus. Wetteren 1985. Rev. C.C. Lorber *SAN* Vol. 17 No. 2 (June 1987) p. 31.

Lexikon des Mittelalters, Vol. 3, Fasc. 7-10. Munich-Zurich 1986. Rev. M. Overbeck *JNG* Vol. 35 (1985) pp. 89-90.

MARSHALL, J.F. Where the Wild Thyme Blows: Some Memoirs of Service with the Hong Kong Bank. Greystott, Surrey, no date given in review. Rev. A. Gibb *IBNS* Vol. 26 No. 3 (Sept. 1987) p. 77.

Mennictwo średniowieczne. Zarys mennictwa europejskiego. Vol. VII. Edited by L. Morawiecki. Cracow 1984, publ. 1985. Rev. M. Dygo *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 235-238.

MILDENBERG, LEO. The Coinage of the Bar Kokhba War. Patricia Erhart Mottahedeh, Editor. Typos, Monographs on Ancient Numismatics, Vol. 6. Aarau-Frankfurt am Main-Salzburg 1984. [Continuation of the reviews already listed in *NL* 115, *NL* 116, *NL* 117, and *NL* 118.] Rev. E. Schönert-Geiss *Klio* Vol. 69 (1987) pp. 258-259; E. Puech, *Revue Biblique* Vol. 94 No. 3 (July 1987) pp. 440-442.

MILDENBERG, LEO and HURTER, SILVIA, Editors. The Arthur S. Dewing Collection of Greek Coins. Ancient Coins in North American Collections No. 6. New York 1985. Rev. D.O.A. Klose *JNG* Vol. 35 (1985) p. 84.

MITCHINER, MICHAEL. Medieval Pilgrim and Secular Badges. London 1986. Rev. F. Grew *NCirc* Vol. 95 No. 4 (May 1987) pp. 113-114.

NOE, SYDNEY P. The Coinage of Metapontum. Parts 1-2. Revised edition with Additions and Corrections by Ann Johnston. New York 1984. Rev. D.O.A. Klose *JNG* Vol. 34 (1984) pp. 178-180.

Numismatics—Witness to History. Edited by R. Margolis and H. Voegtli. AINP Publication No. 8, 1987. Rev. J.S. Jensen *NNUM* No. 6 (Sept. 1987) p. 148.

Numismatiska Meddelanden XXXIII and XXXIV. Svenska Numismatiska Föreningen. Stockholm 1983. Rev. B. Malmer *Fornvännen* Vol. 81 (1986) pp. 139-142.

Nummus et historia. Pieniądz Europy średniowiecznej. Edited by S.K. Kuczyński and S. Suchodolski. Warsaw 1985. Rev. M. Dygo *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 238-240.

OGAWA, YOSHINORI, KOZONO, HITOSHI and BOLING, JOSEPH E., Editors. Paper Money of the 20th Century: Paper Money of Japan. Vol. 4B of the IBNS catalog series. St. Louis, MO, USA 1987. Rev. Angus E. Bruce *NI Bulletin* Vol. 21 No. 7 (July 1987) p. 174; K. Rodgers *ACR* (Nov. 1987) p. 10.

OPITZ, CHARLES. Odd and Curious Money: Descriptions and Values. Ocala, FL, USA 1986. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 422.

PIRIE, E.J.E. The Post-Roman Coins from the York Excavations 1971/81. York 1986. Rev. S.B. *NCirc* Vol. 95 No. 5 (June 1987) p. 153.

Problems of medieval coinage in the Iberian Area. Edited by Mário Gomes Marques. Santarem 1984. Rev. A. Mikołajczyk *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 240-242.

PROULX, CLAUDE. Private Collection Inventory, Canadian Coins and Bank Notes. Val-David, Quebec, Canada 1987. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 423.

ROGAL, RON L. Saskatchewan Trade Tokens Third Addendum. Saskatoon, Sask., Canada 1987. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 422.

SCHIMMEL, JERRY F. German Tokens. Part I: Germany. San Francisco 1987. Rev. R.C. Willey *CNJ* Vol. 32 No. 8 (Sept. 1987) p. 372.

SCHNEIDER, KONRAD and FORNECK, GERD MARTIN. Geld im Westerwald, Münzprägung und Geldumlauf. Landschaftsmuseum Westerwald, Hachenburg. Montabaur 1985. Rev. W. Hess *JNG* Vol. 35 (1985) p. 90.

Skarby wczesnośredniowieczne z obszaru Polski. Atlas. Wrocław 1982. Rev. J. Piniński *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 234-235.

SOKOLOVA, I.V. Monety i pečati vizantijskogo Chersona. Leningrad 1983. Rev. M. Salamon *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 228-230.

SOMMER, KLAUS. Die Medaillen der Königlich-Preussischen Hof-Medailleuren Christoph Carl Pfeuffer und Friedrich Wilhelm Kullrich. Osnabrück 1986. Rev. J.S. Jensen *NNUM* No. 7 (1987) pp. 169-170.

STEWART, DONALD M. Alberta Trade Tokens. Victoria, BC, Canada 1987. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (Oct. 1987) p. 423.

SUCHODOLSKI, S. Moneta i obrót pieniężny w Europie Zachodniej. Warsaw 1982. Rev. M. Salamon *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 230-234.

Sylloge Nummorum Graecorum: Switzerland I. Levante-Cilicia. Berne 1986. Rev. I. Carradice *NCirc* Vol. 95 No. 3 (April 1987) p. 77.

The Charlton Standard Catalogue of Canadian Government Paper Money.

Second edition. Toronto 1987. Rev. R.C. Willey *CNJ* Vol. 32 No. 8 (Sept. 1987) p. 373.

THIERRY, FRANÇOIS. Monnaies d'Extrême Orient: Vietnam et Japon. Paris, date not given in review. Rev. C. Coffing *WCN* Vol. 30 (Dec. 1986) p. 10.

TINGSTRÖM, BERTEL. Plate Money. Stockholm 1987. Rev. P. Sarvas *NNUM* No. 7 (1987) pp. 161-165.

TROXELL, HYL A. The Coinage of the Lycian League. *ANSNM* No. 162. New York 1982. Rev. P. Weiss *JNG* Vol. 35 (1985) pp. 81-83.

VON KAENEL. Münzprägung und Münzbildnis D. Claudius. 1986. Rev. A. Burnett *NCirc* Vol. 95 No. 3 (April 1987) pp. 76-77.

WATSON, J. and BENNETT, J. The True Story of David Gee, Australia's Most Audacious Coin Forger. Sydney 1986. Rev. H. Shore *ACR* Vol. 24 No. 1 (July 1987) pp. 51-55.

WELLS, NORMAN E. Medals of Designer-Engraver Stanley Hayman. Peterborough, ON, Canada 1987. Rev. C. Gregory *CNJ* Vol. 32 No. 9 (1987) p. 423.

ZIEGLER, RUPRECHT. Der Schatzfund von Brauweiler. Cologne 1983. Rev. D.O.A. Klose *SM* Vol. 34 (1984) pp. 52-53.

OBITUARIES

CACH, FRANKTIŠEK (1905-1985). *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) p. 244.

DOLLEY, R.H.M. (1925-1983). *North Munster AntiquarianJ* Vol. 25 (1983) pp. 94-95.

KLECZKOWSKA, JADWIGA (1910-1985). *WN* Vol. 29 Nos. 3-4 (1985, publ. 1987) pp. 243-244.

LOWICK, NICHOLAS (1940-1986). *NCirc* Vol. 95 No. 1 (Feb. 1987) p. 8.

MC NICOLL, ANTHONY W. (1943-1985). *NCirc* Vol. 95 No. 4 (May 1987) p. 113.

MURRAY, J.K.L. *NCirc* Vol. 95 No. 1 (Feb. 1987) p. 7.

STENSTRÖM, STIG (1911-1987). *SNT* No. 6 (1987) p. 197.

SZWAGRZYK, JÓZEF ANDRZEJ (1923-1986). *SprawNum* (1985, publ. 1987) p. 30.

HOARD LIST

References are cited by abstract number to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

Greek, 1, 74, 104, 106, 112, 124.

Celtic, 154, 155.

Punic, 1.

Etruscan, 164.

Iberian, 177.

Roman, 1, 182, 183, 190, 191, 192, 205, 210, 215, 217, 223, 227, 228, 230, 233, 241, 245, 246, 253, 258, 260, 261, 266, 270, 271, 272, 273, 274, 275, 276, 284, 286, 288, 289, 291, 297.

Byzantine, 1, 298, 316, 322.

Near and Middle East, 1, 347, 355, 357, 360, 369, 380, 560.

India, 386.

Great Britain and Ireland, 552.

Western and Central Europe, 1, 386, 555, 559, 560, 561, 570, 578, 590, 591, 592, 596, 623, 629, 635, 636, 637, 647, 664, 666, 667, 675, 676, 699, 709, 710, 711.

Eastern and Central Europe, 717, 718, 720, 721, 722, 723, 730, 731, 734, 736, 744.

Tokens, 938, 951.

SUBJECT INDEX

The references in this index derive from the abstracts and should not be regarded as an index to the original publications. Citations are to abstract numbers.

- Aachen, Belgium 596
 Abariltur 177
 'Abbāsīd 318, 344, 346
 'Abd Allāh 376
 Abdul Mecid 351
 Abi'el, King 121
 Abu'l-Faḍl al'Abbās al-Musta'in billāh 346
 Abydos 104, 233
 Acarnania 138
 Adana 146
 Aegeae 146
 Aegina 117
 Aemilianus 210
 Agriculture 808
 Agrippa I 232, 284
 Agrippa II 232
 Ahmed I 337, 358
 Ahmed III 337, 358
 Akbar 395
 Aksum 328
 al-Andalus, Spain 333, 373
 al-Wāthiq 374
 'Alam II 392
 Alamanni 217
 Alaska, USA 883
 Alexander I 92
 Alexander III 121, 128, 142
 Alexander the Molossian 66
 Alexander Jannaeus 129, 318
 Alexandria, Egypt 159, 238
 Alkimoennis 151
 Almohad 350, 371
 Almoravids 344, 349, 360, 371
 Almuñecar, Spain 156
 Alphonse IV 588
 Ampurias, Spain 583
 Amulets 30, 385
 Anastasius I 298, 317, 318
 Anastasius II 305
 Anazarbus 146
 Ancyra 67
 Andalusia, Spain 372
 Andalusian 560
 Angelus, Isaac II 316
 Antioch 215
 Antiochus I 110
 Antiochus III 92, 98
 Antiochus IV 92
 Antiochus VIII Grypus 122
 Antiochus IX Cyzicenes 122
 Antiochus XI 96
 Antoninus Pius 87, 185, 194, 195, 221, 224, 273, 289
 Antwerp, Belgium 556
 Apollo 158
 Apollonia 119, 125
 Appiani, A. 791
 Appiani, J. VII 697
 Apulia 135
 Aquileia 223, 264
 Arab-Sasanian 377, 378
 Aragon, Spain 588, 635
 Archedamis 280
 Archelaus 94
 Arelate 277
 Arévalo, J. 841
 Ariarathes IX 94
 Arketurki 177
 Armenia 375, 380
 Arnstadt, Germany 683, 684
 Arrigoni, B. 610
 Arse 170, 171, 172
 Artavasdus 308
 Athens 64, 69, 93, 138
 Atius Balbus 161
 Atrebates 154
 Attalids 142
 August the Younger 851
 Augusta 146
 Augustus 100, 197, 202, 274, 289
 Aurelian 123
 Ausesken 177
 Australia 27, 39, 779, 780, 799, 800, 836, 887, 917, 918, 937
 Austria 554, 620, 635, 637, 649, 847, 904
 Avignon, France 635
 Ayyubid 318
 Baciocchi, E. 44, 703
 Bács-Kiskun, Hungary 724
 Bactria 84
 Baden, Germany 634
 Bahrfeldt, E. 559
 Baitolo 177
 Balšićs 726
 Bank of China 926

- Bao Kang 465, 507, 508, 514
 Bar Kokhba 68
 Barca 159
 Barcelona, Spain 621
 Bass, Harry W. Jr. 757
 Bavaria, Germany 629, 630, 665
 Beatriz, Queen 579
 Behesni, Turkey 364
 Beja, Portugal 614
Belgium 556, 569, 595, 596, 602, 609, 640, 674, 696, 702, 708, 798, 932
 Belgrade, Yugoslavia 347, 882
 Bengal, India 394, 499
 Berenguer, Ramón IV 561
 Berkshire, England 948
 Berytus 132
 Beyazid II 331
 Biała Podlaska, Poland 28
 Białystok, Poland 11
 Biluaon 177
 Bingen, Germany 685
 Bithynia 138
 Blakemore, W.H.J. 764
 Bodawpaya, King 478
Bohemia 635
 Boldrini, G.A. 163, 616
 Bologna, Italy 842, 843, 844
 Bombay, India 396
 Bonaparte, E. 162
 Borodino, Battle of 729
 Bostra 159
 Boudicca 290
 Boulton, M. 553
 Boxer Rebellion 472
 Brandenburg, Germany 592, 650
 Brankovićs 726
 Bratislava, Czechoslovakia 720, 736
 Britain, Roman 189, 193, 276, 288, 290
 Brucato, Italy 566
 Bruges, Belgium 708
 Brunswick, Germany 572, 643, 687, 851, 852
 Brussels, Belgium 702
 Buddhism 385
 Büdlich, Germany 709
Bulgaria 715, 735
 Burgos, Spain 555
Burma 478, 497
 Buwaghids 344
 Byblos 132
 Bydgoszcz, Poland 35
 Byzantium 620
 Caesarea 94, 201
 Caesarea Maritima 293
 Cairo, Egypt 357
 Campania 89, 130, 135, 143
 Cantacuzenas, Matthew Asen 299
 Cappadocia 145, 224
 Caracalla 82, 85, 190, 217, 222, 224
 Carausius 199, 245
 Cardona, Spain 587
 Cardozo, N. 830
 Carinus Caesar 181
 Carmichael, R.R. 37
 Carolingian 560, 568
 Carpathian Basin 732
 Carthage 207
 Casimir the Great 639
 Castile, Spain 58, 59
 Castonguay, J. 946
 Catalan Rebellion 562, 564, 576, 585, 593, 599, 613, 651, 678, 680, 706, 787
 Catalonia, Spain 2, 576, 588, 593, 594, 599, 660, 792, 916
 Cavino, G. 249, 254, 861
 Cebren 110
 Cervera y Topete, P. 562, 651, 705
 Charlemagne 701
 Charles XII (Sweden) 943
 Chelm, Poland 850
 Chersonese, Tauric 139
 Chicago, USA 950
 Childs, S.D. 950
Chile 903
 Ch'in Dynasty 515
China 53, 57, 409, 410, 412, 413, 414, 416, 417, 418, 419, 420, 421, 422, 423, 424, 428, 429, 430, 433, 434, 436, 437, 438, 439, 440, 441, 442, 444, 445, 446, 447, 448, 449, 450, 452, 453, 454, 455, 456, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 479, 480, 481, 482, 483, 486, 487, 488, 489, 490, 491, 492, 493, 498, 504, 505, 506, 507, 508, 509, 510, 511, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 871, 877, 881, 886, 895, 896, 899, 906, 913, 915
 China Inland Mission 442
 Christianity 815
 Chronograms 865
 Churches 654, 669
 Cilicia 146
 Civil Merit, Order of 824
 Civil War, USA 754, 870, 950
 Civitavecchia, Italy 656
 Claudius II 123, 270
 Coca, Spain 571
 Coinage Act, Athenian 69
 Cologne, Germany 635, 701

- Columbia** 872
 Colville, A. 764
 Commios 154
 Commius 325
 Commodus 65, 190, 267
 Comnenus Andronicus I 316
 Comnenus Manuel I 316
 Confederate States of America 870
 Constans 186
 Constans II 327
 Constantine I 184, 206, 211, 250, 274, 283, 318
 Constantine II 283
 Constantine III 319
 Constantine IV 327
 Constantine V 309
 Constantine VI 311
 Constantine IX Monomachus 320
 Constantinople 278, 346
 Constantius II 186, 259, 264
 Constantius Chlorus 181
 Cook, M.C. 764
 Corinth 138
 Cormano, G.J. 864
 Cornwall, England 552
 Countermarks 43, 104, 292, 295, 327, 584, 691, 747, 748
 Cracow, Poland 639, 672
 Cremna 123
 Crispus 283
 Csikszentmihályi, R. 813
 Cuenca, Spain 555
 Cumae 89
 Cundall, W. 764
Cyprus 97, 663, 740, 742
 Cyrene 159
 Cyzicus 215
Czechoslovakia 109, 717, 718, 719, 720, 721, 722, 723, 728, 730, 731, 736, 738, 744

 Dacia 119, 139, 242, 247
 Dalmatia 223, 237
 Damascus, Syria 122, 159, 357
 Dams 811
 d'Angers, P.-J.D. 783
 Dante 653
 d'Arckel, J. 609
 d'Aye, J.C. 602
 de Mendoza, A. 769
 de Saint-Urbain, F. 843
 De Saulles, G.W. 764
 Demetrius II 92
 Dendrochronology 741
Denmark 650
 Desana, Italy 659
 Desiderius 557
 Dhar, India 408

 Diaz, P. 775
 Dinis, King 628
 Diocletian 251
 Dionysus Breiseus 103
 Dittmar, A. 641
 Dittmar, J. 641
Divina Commedia 653
 Dobbiaco, Italy 554
 Domitia 107
 Domitian 107, 289
 Doukas, J.C. 322
 Dragutin, King 653
 Drastar 322
 Dubrovnik, Yugoslavia 653
 Dura-Europa 230
 Dyrrhachium 119, 125

 East India Company 390, 403
 Echternach, Germany 623
 Eckhel, J.J.H. 693
 Edward, Prince of Wales 549
Egypt 357, 358
 Eichstätt, Germany 677
 Elagabalus 87, 101, 183
 Elbląg, Poland 14
 Eleusis 124
 Elis 86
 Elisabeth Charlotte of Bavaria 23
 Emergency money 174, 905, 908, 909, 942
 Emporiae 176
 Engeström, J. Von 710
England 16, 547, 548, 550, 551, 552, 553, 620, 804, 890, 938, 948, 949
 Ephesus 90
 Esfahān, Iran 343
 Eso 177
 Esztergom, Hungary 727
 Eusebeia 94
 Eustibaikula 177

 Faggot, J. 607
 Fātimids 344
 Faustina I 198, 268
 Faustina II 67
 Faustina Diva 194
 Ferdinand I 588
 Ferdinand VII 573
Finland 817, 858, 860
 Flavius Clemens 107
 Florence, Italy 575, 782
 Florianus 215
 Florus 180
 Forgeries 32, 172, 197, 249, 252, 432, 495, 623, 640, 653, 659, 686, 698, 714, 873
 Forkbeard, S. 655
France 16, 23, 360, 549, 597, 599, 620, 621, 622, 631

Francesco V, Duke 563
 Francis Joseph I 736
 Frederick II 700
 Frederick the Great 638
 Freyherrn, H.H. 662

Gabi 198
 Gakkhar 383
 Galba 209, 254
 Galerius 220
 Gallienus 183, 192, 208, 209, 212, 213, 219,
 270, 287
 Gallus 230
 Gaul 174
 Gdańsk, Poland 675
 Gebhardt, U. 657
 Geerts, E. 795
 Gela 78
 George V 762, 879
 Gerhard of Wąchock 570
German Democratic Republic 632, 862
Germany 16, 22, 23, 565, 569, 572, 592, 598,
 604, 605, 620, 623, 629, 630, 633, 634,
 635, 638, 641, 642, 643, 650, 665, 677,
 683, 685, 686, 687, 690, 707, 709, 713, 741,
 797, 847, 851, 852, 856, 908, 939, 942
 Gessner, J.J. 694, 695
 Geta 82
 Geto-Dacians 119
 Ghazarawids 344
 Ghör 401
 Giampaoli, P. 807
 Gillick, M. 764
 Gironde, France 621
 Girvan Yuddha 405
 Gisulf II 648
 Goertz, G.H. Von 943
 Gold Institute, USA 5
 Golden Eagle, Order of 824
 Golgoi 159
 Gonzaga, E. 610
 Gonzaga, F. 661
 Gonzagas 567, 625, 673
 Gordian III 183, 275
 Gorizia, Counts of 554
 Granada, Spain 332
 Grand Moguls 344
 Grant, U.S. 788
 Gratian 229, 285
Greece 663
 Grierson, P. 716
 Grigioni, Switzerland 805
 Grilli, A. 821
 Grudziądz, Poland 29
 Grünthal, Germany 565
 Gubbio 165
 Guiscard, R. 648

Gupta, S.R. 391
 Gustavus II Adolphus 812

 Hadrametum 159
 Hadrian 146, 180, 185, 224, 241, 255, 268
 Hagar 121
 Hahn, E. 764
 Hairstyles 173
 Hall, Austria 714
 Hameln, Germany 909
 Han Dynasty 515
 Hapsburg Empire 847
 Hasmonian 129
 Hay Internment Camp 887
 Heiligenstadt, Germany 642
 Heinrich III 684
 Heinrich the Younger, Duke 687
 Helvetii 150
 Henry II (Germany) 629
 Henry III (Germany) 629
 Henry III (Spain) 555
 Henry VI 700
 Henry, Emperor 324
 Heraclea 143
 Heraclius 83, 318
 Herod Antipas 232
 Hieropolis Castabala 146
 Himera 120
 Hisām II 367
 Hishām II 373
 Hlboké, Czechoslovakia 717
 Holmes, S. 550
 Hong Zun 21, 482
 Houffalize, Belgium 674
Hungary 620, 635, 719, 720, 724, 727, 732,
 733, 745, 785, 808, 825, 839, 840, 904
 Husain Shah 394
 Hyria 89

Iconography
 Athena, 66
 Baal-Hammon, 159, 161
 Bavarian ornaments, 630
 Carnyx, 179
 Dushan, Emperor, 739
 Fortuna, 180
 Goddess of Caesarea Maritima, 293
 Homonoia 133
 Labyrinth, 134
 Lung, 906
 Mt. Argaeus, 145
 Mythology, Roman, 257
 Neapolis, 95
 Ōm, 385
 Papacy, 810
 Phoenician triad, 132
 Pion, god, 90

- Poplas' embassy, 65
 Poppy, 4
 Roman East, 91
 Sardus Pater, 161
 Selinon, 77
 Senate, Roman, 100
 She-wolf, Roman 281
 Tutela, 199
 Tyche, 113
 Virtus, 180
 Virtutes Romanorum, 200
 Zeus, 102
 Zeus Ammon, 159
Ieso 177
Ilici 202
Illyria 119
Illyricum 223, 244, 265, 268
İltirkesken 177
İltirta 177
İlturo 177
Imām al-Mutawakkil ala Allāh Yahya Ḥamīd al-Dīn 354
Imitations 8, 73, 88, 206, 228, 240, 282, 317, 368, 401, 659, 665
Indonesia 781
Industrial Revolution 931
Ingots 265, 414, 422, 430, 437, 464, 515
Iran 343, 878
Irene 311, 312
Israel 128, 185, 329, 335
Italy 1, 10, 16, 162, 163, 164, 554, 557, 558, 567, 575, 577, 581, 591, 610, 611, 612, 616, 618, 620, 624, 625, 635, 647, 648, 656, 657, 658, 659, 661, 671, 673, 689, 697, 703, 782, 789, 791, 796, 805, 829, 842, 843, 844, 854, 866, 867
Iturbide, A. de 573
İzmir, Turkey 794
Jagiello, W. 671
James II of Majorca 589, 600
James III of Majorca 589
James, Jesse 940
Janus Secundus 855
Japan 435, 474, 493, 512, 869, 873, 906, 914
Játiva, Spain 374
Jeanneret, C.E. 835
Jerusalem, Israel 128, 663
Jesus Christ 320, 793
Jewish 68, 231, 232, 353, 620, 650, 793
Jewish Revolt, First 225
Jin Dynasty 430, 445, 464, 468, 517
John Hyrcanus I 129
John Paul II, Pope 619, 821
Johnson, G. 789
Jovan Uglješa Mrnjavčević 725
Jovanović, V. 726
Juarez, B. 893
Judah Aristobulus 129
Julius Caesar 188
Justin II 185
Justinian I 185, 207, 317
Justinian II 303
Kaio 177
Kaláva, Czechoslovakia 723
Kalisz, Poland 668
Karamanid 352
Kashmir 381, 395
Kepler, J. 823
Kese 177
Kharijite 377
Khusru Shah 379
Kielce, Poland 9
Kilwa, Tanzania 546
Kipper coinage 641, 643, 713
Kiskunfelegynaza, Hungary 732
Kleudorus 66
Knife money 434, 441, 463, 516
Knossos 134
Komjatice, Czechoslovakia 730
König, H. 814
Konin, Poland 48
Korea 451, 457, 910
Košice, Czechoslovakia 738
Kostantaniye, Turkey 330
Kotromanićs 726
Kovács, G.K. 809
Kremnitz, Czechoslovakia 714, 719
Kruger, G. 764
Kublai, Emperor 899
Kwangtung, China 459
Laiesken 177
Lakon 64
Laodicea 127
Las Bela 407
Lauro 177
Lazarevićs 726
Le Souef, A.M. 27
Lefrén, J.P. 608
Leo 298
Leo III 307
Leo IV 310
Leon, Spain 58, 59
Leoni, L. 833
Lessines, Belgium 602, 708
Lewis, F. 764
Liao Dynasty 420, 440, 468
Licinius 210, 211
Licinius Senior 185
Liège, Belgium 569, 596, 609, 696
Lienz, Austria 554
Limburg, Belgium 640

- Limoges, France 549
 Lindburg, E. 858
 Lisbon, Portugal 615
 Liselotte von der Pfalz 23
 Livonia 604
 Lodz, Poland 3, 36
 Lombard 557, 558, 577
 Louis VII 595
 Louis IX 595
 Luard, C.E. 408
 Lublin, Poland 47
 Lucania 66
 Lucillus 183
 Ludi saeculares 294
 Ludovisi, G. 697
 Lugdunum 215, 271, 282
 Lusignan 740
 Ly Dynasty 456
 Lycurgus 71
 Lydia 82, 87
 Lysimachus 142

 Macedonia 111
 Machin, A. 764
 MacKennal, B. 764
 Madras, India 386, 389
 Magic 196
 Magna Graecia 70, 78
 Magnentius 282
 Magnus Maximus 264
 Magreb 373
 Mahmud II 346, 362
 Mahmud bin 'Ayad 897
 Mainz, Germany 635, 685
 Majorca, Spain 588, 589
 Majorian 273
 Malbork, Poland 46
 Mallus 146
 Mamluk 346
 Manfrini, E. 821
 Manresa, Spain 586, 593
 Manship, P. 783
 Mantua, Italy 567, 610, 611, 625, 673, 796
 Marbach, Germany 635
 Marcus Aurelius 67, 85, 209
 Maria Theresa 692, 719, 820
 Marius 295
 Mark Antony 248
 Maroneia 75, 131
 Marti 588
 Marx, K. 45
 Mary, Queen 879
 Masonsa 177
 Maurice 185
 Maxentius 209
 Maximian 220
 Maximius Tiranus 234

 Mecca 356
 Mecklenburg, Germany 604, 707
 Medicine 785, 845
 Mediolanum 270
 Mehmed III 364
 Mehmed Reşad 330, 363
 Mehmed Vahdeddin 363
 Melqart 118
 Merano, Italy 554
 Merovingian 319
 Mesembria 73
 Mesopotamia 222
 Messana 78
 Meszaros, M. 818
 Metapontum 72
 Metcalfe, P. 764
 Methodist church 799, 800
 Metrology 60
 Metz, Germany 709
 Mexico 765, 766, 767, 768, 769, 770, 771,
 774, 775, 776, 777, 778, 828, 841, 893,
 935, 936
 Michael I 314
 Michael Asen 735
 Michelangelo 833
 Milan, Italy 581, 591, 624, 659, 789, 791
 Miletus 65
 Ming Dynasty 433, 473
 Minton, T.J. 764
 Misenum 248
 Missouri, USA 754, 755, 848, 941
 Mithridates VI 94
 Modena, Duke of 563
 Mochsen, J.C.W. 7
 Moesia 139
 Mogadishu, Somalia 546
 Mohammad bin Sam 401
 Moḥammad I ibn Yusuf 331, 332
 Mohammed Alslankhan 448
 Mohammed Shah 397
 Molds
 Celtic 149
 Chinese 410, 515, 524
 Mongolia 920
 Montalcino, Italy 164
 Montenegro 746
 Mopsus 146
 Morehen, H. 764
 Morini 154
 Mrnjavčevićs 726
 Mrohaung Dynasty 499, 500, 501
 Mt. Argæus 145
 Mt. Erciyas 224
 Münster, Germany 598
 Murad I 331
 Murcia, Spain 370
 Museology 15

- Mustafa II 361
 Muwahhid 360
 Mysia 111
 Mysore, India 404
 Mytilene 280

 Naissus 265
 Napoleon Bonaparte 729, 784, 791, 822
 Napoleon III 801
 National Bank of Soviet China 538
 Nawabs 402
 Nazi 907
 Neapolis 72, 76, 83, 89, 95, 115, 126, 130, 140
 Neapolis Samariae 101, 116
 Nemanjićs 726
Nepal 393, 405
 Nero 22, 105, 256, 273, 274
 Nerva 199, 273
The Netherlands 16, 622, 635
 New Hampshire, USA 747
 New South Wales, Australia 887
 New York City, USA 930
New Zealand 884
 Newman, W.J. 764
 Nicaea 255
 Nicephorus I 313
 Nicomedia 255
 Nikopolis 106
 Nitra-Zobor, Czechoslovakia 722
 Nola 89
 Noricum 148
 Normans 348, 355, 551, 566, 647, 689, 698, 699
 Northumbria, England 547
 Norweb family 753
 Nova Scotia, Canada 929, 933
 Nowa Sol, Poland 12, 801

 Obulco 286
 Odrysae 131
 O'Higgins, B. 903
 Olsztyn, Poland 19
 Olympics 18, 853
 Ore 177
 Orsini, P.G. 864
 Osijek, Yugoslavia 734
 Oskumken 177
 Ossoliński, Poland 41
 Ostrogothic 323, 557
 Otacilia Severa 252
 Otho 249
 Otrhánky, Czechoslovakia 718
Ottoman 331, 338, 339, 340, 356, 361, 362, 363, 364
 Ouazebas 328
 Overstrikes 75, 86, 104, 252

 Paget, T.H. 764
 Palatinate 605, 635
Palestine 137
 Pamphylia 123
 Pannonia 191, 242
 Panormus 80
 Papacy 321
 Paris, France 622
 Parthians 248
 Pasco, Peru 773
 Patriarchate, Bulgarian 715
 Pavlány, Czechoslovakia 731
 Peek, S. 937
 Peng Xin Wei 453
 Perga 123
 Perpignan 589
 Persia 118
Peru 772, 773
 Philetairos 84
 Philip I (Rome) 96, 103, 187, 268, 294
 Philip III 768
 Philip IV (Spain) 556
 Philippicus 304
Philippines 873, 901
 Phocas 300
 Phoenicia 157
 Piast 688
 Piombino, Italy 162, 163, 616
 Pisetum 727
 Pisidia 123
 Pius VI 656
 Pius VII 661
 Plate money 386, 389, 644
 Płock, Poland 20
 Po Valley, Italy 10, 254
Poland 3, 9, 11, 12, 14, 15, 17, 19, 20, 24, 25, 28, 29, 31, 33, 35, 36, 41, 46, 47, 48, 570, 637, 639, 665, 666, 668, 670, 672, 675, 681, 682, 690, 743, 831, 850, 907
 Pompeiopolis 146
 Poplas, High Priest 65
 Populonia 162, 163, 164, 167, 286
 Pôrto, Portugal 615
 Portraits, Greek/Roman 79, 96, 280, 295
Portugal 54, 55, 579, 580, 613, 614, 615, 617, 626, 627, 628, 652, 664, 676
 Postumus 183, 187, 192, 205, 227, 241, 270, 273
 P.O.W. camps 874
 Poznan, Poland 33
 Probus 203, 228, 251
 Propaganda 30, 214, 262, 279, 377, 687
 Prussia 603, 638, 675
 Ptolemy 128
 Pyrrhic War 95, 143

 Qadi' Iyađ 350
 Qatari ibn al-Fuja'a 377

- Qi Ling Society 491
 Qing Dynasty 409, 416 461, 481, 544
 Quebec, Canada 898, 945, 946
 Quintillian 192
 Qvist, G. 817

 Radom, Poland 24
 Raetia 217, 260, 261
 Rákóczi, Ferenc II. 50, 728
 Rana Bahadur Shah 393
 Rebellion of 1837 945
 Regensburg, Germany 629
 Rent laws 627
 Reserve Bank of Australia 917
 Rhegium 78
 Rhoda 176
 Rhodes 112, 144
 Ricimer 239
 Riilahti, Battle of 860
 Roger II 658
Roman 189, 190, 191, 198, 203, 214, 226, 281
 Roman Republic 178, 188, 200, 248, 286
 Roman Imperial 123, 127, 133, 179, 180,
 181, 182, 184, 185, 186, 187, 192, 193, 194,
 195, 196, 197, 199, 201, 202, 204, 206, 207,
 208, 209, 212, 213, 216, 217, 219, 220, 222,
 223, 224, 227, 228, 229, 230, 232, 233,
 235, 236, 237, 238, 239, 240, 241, 242,
 243, 244, 249, 250, 251, 252, 253, 254,
 255, 256, 258, 259, 260, 261, 262, 263,
 264, 265, 267, 268, 269, 270, 271, 272,
 273, 274, 275, 276, 277, 278, 279, 280,
 282, 283, 284, 285, 287, 288, 289, 290,
 291, 292, 293, 294, 296, 297
 Roman medallion 221
 Rome 65, 180, 254, 278
 Ronciglione 601
 Rouen, France 647
 Russian Civil War 880
 Rutelli, M. 849

 Safed, Israel 335
 Sagalassos 123
 Saguntum 170, 218
 Salernian 648
 Salian Franks 623
 Sāmānids 344
 Samnite War 95
 Santarém, Portugal 579
Sardinia 594
 Sarmatia 139
 Satavahana 384
Saudi Arabia 137
 Saxony, Germany 565, 665
 Schulz, F. 862
 Schweigger, G. 812
Scotland 875, 876

 Seals 82, 103, 106, 324, 443, 620, 625, 688
 Seleucid 84, 96, 112
 Selim III 362
 Selinus 77
 Selvi, A. 782
 Septimius Severus 82, 86, 182, 210, 224
Serbia 716, 726, 735, 737, 739, 746, 882
 Serbian National Bank 882
 Serdica 215
 Severan 127, 217
 Severus Alexander 22, 224
 Seville, Spain 555, 679
 Sexi 156, 160
 Sforza 581
 Shah 'Alam II 402
 Shah Jehan I 406
 Shaikh Gholam Muhyid Din 381
 Shanghai, China 513, 838
 Shingles, T. 764
 Shooting festivals 857
Sicily 78, 81, 114, 348, 355, 365, 566, 612,
 647, 663, 689, 699, 700
 Side 74
 Sidon 118, 132
 Sigismund of Tyrol 16
 Sikh 381
 Silesia, Czechoslovakia 688, 690
 Silver Institute, USA 5
 Simjündis 344
 Sino-Japanese War 838
 Siscia 181, 215, 229, 285, 287
 Skepsis 98
 Skötkonung, O. 655
Slovakia 728, 744
Slovenia 894
 Smillie, J.D. 891
 Smith, T.N.E. 42
 Smyrna 103, 105, 107
 Società Numismatica Italiana 618
 Soignies, Belgium 932
 Soldani, M. 782
Somalia 546
 Somasca, C.R. 163, 616
 Song Dynasty 53, 414, 422, 474, 493, 531,
 881
 Sovana, Italy 164
Soviet Union 16, 729, 741, 860, 880, 902
Spain 2, 16, 52, 58, 59, 332, 336, 341, 353,
 366, 367, 370, 372, 374, 555, 561, 562,
 564, 571, 573, 576, 582, 583, 584, 585,
 586, 587, 588, 589, 593, 599, 620, 621,
 645, 646, 651, 652, 660, 664, 676, 678,
 679, 680, 691, 704, 705, 706, 776, 792, 916
 Sparta 71
 St. Carlo Borromeo 821
 St. István 727
 St. Louis, USA 754, 755, 788, 848

- St. Peter of Alcantra 816
 St. Quiteria 816
 St. Rumoldus 863
 St. Willibald 677
 Statue of Liberty 758
 Stefan V Dragutin 735
 Stendal, Germany 797
 Stephan Dushan 737
 Stiernhielm, G. 606
 Stratton, C.S. 749
 Sultan Adam 383
 Sun Yi Xian 921
 Sung Dynasty 509
 Svensson Foundation 344
 Swabia, Germany 698, 700
 Sweden 369, 578, 606, 607, 608, 636, 644,
 650, 654, 655, 669, 710, 712, 943, 951
 Switzerland 22, 805, 835
 Sybaris 70
 Sydney, Australia 937
 Syracuse 78
 Syria 106, 122, 222, 230, 317, 346, 357
 Szczecin, Poland 17
 Szeged, Hungary 785

 Tacitus 215
 Taifa de Almeria 341
 Tang Dynasty 479, 539
 Tanit 158
 Tannenberg battle 603
 Tanzania 546
 Tarentum 72, 135
 Tarsus 146
 Tasmania 834
 Taunton, England 938
 Telys 70
 Tenedos 75
 Tenos 159
 Terminology
 Numismatic definitions, 49
 Tetrarchy 272
 Tetricus I 199, 228
 Tetricus II 243
 Teutonic Order 603, 670
 Texas, USA 888
 Thailand 426, 427, 431, 910
 Theed, W. 764
 Theodoric 298, 557
 Theodosian Code 204
 Theodosius 193, 265, 284
 Theodosius III 306
 Theophanes, Cn. Pompeius 280
 Thessalonica 229, 265
 Theux, Belgium 569
 13 Years War 603
 Thrace 119, 131, 265
 Thuringia, Germany 641

 Tiberias 232
 Tiberius 100, 202, 256
 Tiberius III 302
 Tibet 411, 432, 494, 495, 496, 911, 934
 Ticinum 215
 Tigranes the Greek 84
 Tirnovo, Bulgaria 715
 Titus 185
 Toledo, Spain 555
 Tom Thumb 749
 Torun, Poland 31, 670
 Toulouse, France 597
 Trablus Garp, Turkey 362
 Trajan 224, 292
 Trajan Decius 209
 Tralles 255
 Trebonianus Gallus 182
 Trenka, S. 764
 Trier, Germany 181, 259, 264, 271, 623, 635,
 709
 Tripolis 215
 Tughra 339, 340
 Tunis, Tunisia 337, 897
 Tunisia 337, 897
 Turkey 85, 185, 330, 331, 335, 340, 351, 352,
 361, 362, 363, 364, 794, 846, 900, 944
 Tutela 199
 Tyra 99
 Tyre 141
 Tyrol, Counts of 554

 Ukraine, Soviet Union 902
 Umayyad 333, 345, 366
 Uñatín, Czechoslovakia 721
 Union Bank of Australia 885
 Universities 859
 Untikesken 177, 286
 Uroš I 737

 Vaase, Finland 858
 Valencia, Spain 645
 Valens 184, 229, 243, 285
 Valente, G. 616
 Valenti, G. 163
 Valentinian I 229, 251, 285
 Valentinian II 285
 Valerian 146, 209, 228, 270
 Valerius Gratus 108
 Values
 Arabic, 334, 342
 Vandalic 323
 Vatican 563, 619
 Velia 66, 72
 Venice, Italy 653, 805, 866, 867
 Vespasian 199, 267
 Victor Emmanuel III 689

Victoria, Australia 39
 Victoria, G. 774
 Victorianus 192
 Victorinus 295
 Vienna, Austria 714
Vietnam 425, 456
 Viking Age 369, 578, 636
 Viminacium 247, 268
 Vindex 274
 Visconti 581
 Visconti, E. 624
 Visigoths 574, 597
 Vitalian, Pope 619
 Vitellius 199
 Vodanovic, D. 764

Wąchock, Poland 570
 Wang Mang 518
 Warsaw, Poland 25, 907
 Weights
 Ancient, 26
 Iberian, 175
 Modern, 26, 610
 Wesley, John 799, 800
 Westphalia, Germany 633
 White Army 880

Wiener, L. 702
 Wildwood, Canada 947
 Wilkins, G.G. 747
 William of Namur 32
 Wiltshire, England 949
 Winckelmann, J.J. 797
 Wisconsin, USA 786
 World War I 736, 874, 878
 World War II 873, 878
 Wurttemberg, Germany 22, 634, 824
 Wyon, J.S. 764
 Wyon, L.C. 764

Xia Dynasty 468

Yang Jizhen 454
 Yuan Dynasty 421, 437, 443, 505, 534, 899,
 912
Yugoslavia 347, 734, 739, 746
 Yukon 883

Zancle 78
 Zanetti, G.A. 163, 616
 Zellerfeld, Germany 572
 Zeno 298, 319
 Zhou Dynasty 471
 Zhou, Premier 928

AUTHOR INDEX

- A Xing 409, 410
 Ahumada Silva, I. 554
 Albert, R. 178
 Albrethsen, P.H. 179
 Alessandrì, S. 64
 Alexander, D.T. 329
 Alfaro Asins, C. 156, 555
 Almagro Gorbea, M. 168
 Alonso-Nunez, J.-M. 180
 Amandry, M. 127, 181, 182, 183
 Antoine, J.L. 556
 Arda, T.S. 330
 Arena, M.S. 184
 Ariel, D.T. 185
 Arslan, E.A. 298, 557, 558
 Aykut, N. 331

 Bahrfeldt, E. 559
 Bakos, M. 50
 Balaguer, A.M. 2, 560, 561, 562, 586
 Balbi De Caro, S. 563
 Baldus, H.R. 65, 66, 186
 Ballada I Serra, J. 564
 Ballico, B. 782
 Balty, J.C. 67
 Banti, A. 187
 Bar, M. 188
 Barag, D. 68
 Baumann, G. 565
 Bautier-Bresc, G. 566
 Baxter, B. 783
 Bazzotti, U. 567
 Bellinger, D. 69
 Bendall, S. 299, 300, 301
 Berghaus, P. 568
 Bertholet, P. 569
 Bertsch, W. 411
 Besly, E. 189
 Betlyon, J.W. 157
 Białoskórska, K. 570
 Bicknell, P. 70
 Biró-Sey, K. 147, 190, 191
 Blanco Garcia, J.F. 571
 Block, D. 784
 Bofarull, A. 332
 Boling, J.E. 869
 Bompaire, M. 192
 Bóna, E. 785
 Boon, G.C. 193

 Booth, J. 547
 Borgmann, F.J. 786
 Borić-Brešković, B. 194, 195
 Borrás I Costa, R. 787
 Borszéli, J. 50
 Bouzek, J. 196
 Bowers, Q.D. 747, 753
 Brand, J.D. 548, 549
 Briski, M. 894
 Brunk, G.C. 748
 Bu Ren Bu He 412
 Buckley, J.A. 51
 Buisson, A. 246
 Bulkiewicz, S. 3
 Burelli Bergese, L. 71
 Burke, B. 749
 Burnett, A. 72
 Burose, H. 572
 Bush, J.A. 750, 788

 Cabrera Fombuena, V. 197
 Cai Yunzhang 413, 414
 Calabria, P. 198, 199
 Callataÿ, F. De 73, 74, 75
 Campbell, I.G.C. 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314
 Cantilena, R. 76
 Canto Garcia, A. 52, 333, 560
 Carbè, A. 77
 Carter, G.F. 54
 Casariego, A. 169
 Casas, J. 4
 Casso, T. 766
 Castan, C. 573, 767, 768
 Cervin, D.R. 315
 Chalmeta, F. 334
 Chang, H. 415
 Chaves, Ma.J. 574
 Chaves, R. 574
 Cheek, R.P. 790
 Chen Fugeng 416
 Chen Guang Biao 417
 Chen Hao 418
 Chen Jian 419
 Chen Jiyuan 533
 Chen Naixiong 420
 Chen Naixionlia 421
 Chen Shangmin 422
 Chen Zhanhua 423

- Chen Zhong 424
 Cheng Xiaozhong 425
 Ching, D.K.E. 520
 Christ, J.F. 550
 Cipolla, C.M. 575
 Clain-Stefanelli, E.E. 78
 Classen, C.J. 200
 Coe, J.I. 79
 Colaert, M. 5
 Comas, R. 576
 Confalonieri, L. 577
 Corbel, D.C. 381
 Cores, G. 169
 Correia Noras, J.Ma. 579
 Cortina Y Cortina, A. 769
 Costa, M. 158
 Costa, S. 172
 Costa Magro, F.A. 580
 Cowan, A.M. 870
 Cozzi, C. 791
 Cresswell, O.D. 426, 427
 Crippa, C. 581
 Crippa, R. 577
 Crnobraja, N.A. 316
 Cross De Torres, A.M. 770
 Crusafont I Sabater, M. 6, 561, 582, 583,
 584, 585, 586, 587, 588, 589, 792
 Cusumano, N. 80
 Cutroni Tusa, A. 81
- Dai Renhe 871
 Dai Zhiqiang 53
 Dalle Vegre, A.P. 590, 591
 Damati, E. 318, 335, 345
 Dán, R. 793
 Dannenberg, H.-D. 7, 592
 Dar, S. 201
 Datzira I Soler, S. 593
 David, N.M. 550
 Day, J. 594
 De Marais, J. 382, 752
 De Mey, J.R. 336
 Deana Salmeron, A. 872
 Dedeoğlu, H. 82
 Del Mar Llorens, Mo. 202
 Delamare, F. 117
 Delestree, L.-P. 183
 Delmaire, R. 203
 Demey, A. 595
 Demirel, Ş. 794
 Demo, Z. 8
 Dengis, J.L. 596
 Denis, G.C. 873
 Depeyrot, G. 204, 597
 Desnier, J.-L. 205
 Dethlefs, G. 598
 Detwiler, J.R. 930
- Deyell, J.S. 383
 Dhenin, M. 599
 Diler, Ö. 337
 Dimov, M. 206
 Döll, W. 874
 Domingo Sellart, F. 600
 Domrow, R. 498
 Donald, P.J. 83, 207
 Dong Qingxuan 428
 Dong Yukui 429, 430
 Donini, A. 601
 Dotchev, C. 715
 Doty, R.G. 771, 931
 Douglas, J. 875, 876
 Doyen, J.-M. 74, 208, 209, 210, 211, 212
 Druart, J. 338, 339, 340, 932
 Duan Lisheng 431
 Dudley, W.E. 550
 Dugnoille, J. 602
 Dygo, M. 603, 604
 Dziewulski, D.M. 213
 Dzikowski, J. 9
- Ehrend, H. 605
 Ehrhardt, C.T.H.R. 214
 Ekman, M. 606, 607, 608
 Eloy, L. 795
 Engen, L. 609
 Englen, A. 610
 Ercolani Cocchi, E. 10, 611, 796
 Escudero I Bartroli, J. 582
 Estiot S. 215
- Falkenhausen, V. Von 612
 Fan Yuewu 877
 Farahbakhsh, F.N. 878
 Fatia Vital, N. 613, 614, 615
 Feilhauer, E. 797
 Felici, G. 616
 Ferraro Vaz, J. 617
 Ferri, L. 618
 Fiala, A. 216
 Filée, J. 798
 Filipow, K. 11
 Fischer, J. 852
 Fischer, T. 84, 217
 Fisher, J.H. 879
 Fitzgerald, T.F. 619
 Flatt, H.P. 772, 773
 Fleming, W. 799, 800, 801
 Fontana, C. 85
 Fontenla, S. 341
 Fougere, J.J. 933
 Fournier, P.-F. 270
 Franke, P.R. 86
 Friedenber, D.M. 620

- Friedman, H.A. 880
 Funk, H. 905

 Gabinete Numismatico del C.A.S. 170, 171, 218
 Gabrisch, K. 432, 934
 Gacarzewicz, M. 12, 802
 Gaj-Popović, D. 716
 Gallamini, P. 803
 Gao Guiyun 433
 Gao Shiding 881
 Gao Yingmin 434
 Garabedian, M. 375
 Garcia-Garrido, M. 158, 172, 621
 Gardiner, J. 804
 Garnier, J.-P. 219
 Gautier, G. 220
 Gegus, E. 50
 Geissen, A. 87
 Gendre, P. 221
 Geng Zongren 435
 Ghyssens, J. 622
 Giacosa, G. 805
 Giedroyc, R. 13
 Gil Farres, O. 173
 Gilles, K.-J. 623
 Gilliland, C. 806
 Gilmore, P.M. 222
 Gionfini, M. 624
 Giove, T. 76
 Giovetti, P. 625
 Gizińska, M. 14
 Gomes Marques, M. 54, 55, 626, 627, 628
 Gomes Marques, T. 628
 Gomez Saborio, G. 935, 936
 Goncalves, N. 55
 Gorini, G. 88, 223, 807
 Gosztonyi, J. 808, 809
 Gromotka, G. 317
 Gu Qian 436, 437
 Gualdoni, M. 810
 Guglielmini, L. 811
 Guler, O. 224
 Guo Ruo Yu 438
 Guo Yangang 439
 Guttman, S.Y. 225

 Hackens, T. 89
 Hackl, J. 812
 Hadzi-Pešić, J. 882
 Hahn, W. 629, 630
 Hall, A.S. 90
 Han Weiya 413
 Hanc-Maikowa, E. 15
 Hang Renxin 440
 Hann, F. 813
 Hanscom, D. 883

 Hardaker, T. 384
 Hargreaves, R.P. 884
 Harke, K. 814
 Harl, K. 91
 Harris, E.J. 551
 Hart, T.J. 885
 Hartel, M. 92
 Haymes, C. 93
 He Linyi 441
 Hebert, R.J. 342, 343, 385, 442, 546, 815, 816, 886
 Heesch, J. Van 226
 Henderson, L. 887
 Herneshen, R. 631, 760
 Herrera Cedillo, J.L. 774, 888
 Herli, H. 94
 Hess, W. 16
 Hessler, G. 889
 Hewitt, V.H. 890
 Hlinka, J. 717, 718, 719
 Hodder, M. 753
 Hoffsummer, P. 569
 Hollard, D. 183, 227, 228
 Holloway, R.R. 95
 Holmberg, K. 386
 Horoszkó, G. 17
 Horstman, R.L. 891
 Houghton, A. 96
 Hovén, B.E. 344
 Hu Tingfeng 443
 Hu Yiuwen 18
 Hua Jueming 444
 Huang Yiyi 445
 Humphris, J.G. 892
 Hunka, J. 720, 721, 722, 723

 Ilan, Z. 318, 345
 Ilisch, L. 346
 Ilisch, P. 633
 Issa, N.B. 893
 Ivanišević, V. 229, 347
 Iványosi-Szabó, T. 724

 James, S. 230
 Januszkiewicz, Z. 19
 Järvinen, O. 817
 Javorský, F. 723, 731
 Jędrysek-Migdalska, E. 20
 Jewell, R. 818
 Ji Jinshun 913
 Jia Jingyan 446
 Jiang Jiuru 447
 Jiang Qixiang 448
 Jiao Xiaojin 449
 Jin Cheng 524
 Jin Shen 450
 John, D. 250

- Johnson, C. 819, 820
 Johnson, M. 821
 Jones, J. 348
 Jous, L. 602
 Jovanović, M. 725, 726
 Ju Huichuan 451
- Kagan, J.H. 98
 Kahler, F. 727
 Karyshkovskii, P.O. 99
 Kassis, H.E. 349, 350
 Kazimír, Š. 728
 Ke Ju 21, 452, 453, 454
 Keener, T. 455
 Kempgen, H.-W. 456
 Kerestecioğlu, K. 351
 Keyworth, J.M. 890
 Khorshev, V. 729
 Kienast, D. 100
 Kim, I.S. 457
 Kindler, A. 101, 231, 232
 King, C.E. 233, 234
 Kisvölcsey, F. 102
 Kleiman, I.B. 99
 Klein, U. 22, 634, 635, 822, 823, 824
 Klose, D.O.A. 16, 34, 103, 104, 105, 106, 107
 Klotz, E. 636
 Koch, B. 637
 Kokkinos, N. 108
 Kollnig, K. 23
 Kolníková, E. 235, 730, 731
 Kon Xiangxian 458
 Koppatz, J. 7, 638
 Kos, P. 148, 894
 Kovács, L. 732
 Kovasznai, V.L. 825
 Kowalska, A. 24
 Kraskovská, L. 236
 Krzyżanowska, A. 25
 Kula, W. 26
 Kulkarni, P.P. 387, 388
 Kürkman, G. 352
 Kurpiewski, J. 639
 Kurz, K. 109, 237
 Kutcher, R.R. 238
- Lacam, G. 239
 Lachman, S. 353, 354
 Laere, R. Van 640
 Lafaurie, J. 319
 Lallemand, J. 240, 241
 Lam, W.C. 459
 Lamiová-Schmiedlová, M. 242
 Lane, P. 826
 Lányi, V. 191
 Lauerwald, P. 641, 642, 643
- Lautz, T. 389, 644
 Lazzarini, L. 110
 Le Souef, A.M. 27
 Leányfalusi, K. 733
 Lejon, L.-A. 386
 Lémant, J.-P. 243
 Leschhorn, W. 56, 111, 112
 Lewczuk, G. 28
 Leyda Y Damia, J.Ma. 645, 646
 Leypold, F. 113
 Lhermet, M. 174
 Li Guanguo 460
 Li Hongguang 461
 Li Jiahao 462
 Li Ming 895
 Li Xueqin 463
 Li Yiyon 464
 Libero Mangieri, G. 647, 648
 Lipiński, E. 159
 Lipiński, M. 649
 Lipinsky, A. 244
 Lips, H. 650
 Liu Chunji 465
 Liu Jing Yang 466
 Liu Linzhang 467
 Liu Pusheng 468
 Liu Shirong 896
 Liu Zong Han 469
 Llobet I Portella, J.Ma. 651
 Lloyd, C. 827
 Lopez Castro, J.L. 160
 Lopez De Lerena, J. 652, 828
 Lorient, X. 245, 246
 Lowick, N. 355
 Lukić, H. 734
 Lunelli, L. 829
 Luo Junsheng 470
 Luo XiZhang 471
- Ma Chuande 472, 473
 Ma Ch'uan-Tè 475
 Ma Dingxiang 474
 Ma Ting-Hsiang 475
 Mac Kenzie, K.M. 356, 897
 Majewski, A.J. 831
 Maksić, M.M. 653, 735
 Malay, H. 82
 Malmer, B. 654, 655
 Manganaro, G. 114
 Marchetti, P. 115
 Marletta, C. 656
 Marquis, Y. 832, 898
 Marsal Moyano, E. 52
 Martin, F. 247
 Martin, G. 657
 Martin, J. 798
 Martin, J.-M. 658

- Martini, R. 248, 249, 659, 810, 819
 Massa, M.D. 250
 Masutti, V. 807
 Mateu Y Llopis, F. 660
 Mattias, P. 661
 Maué, H. 662, 833
 Maura, G. 661
 May, T. 937
 Mc Neice, R.V. 834
 Melville-Jones, J.R. 836
 Meshel, Z. 251
 Meshorer, Y. 116
 Metcalf, D.M. 663, 664
 Metzger, C. 183
 Michalska-Kaczor, B. 29
 Michaux-Van Der Mersch, F. 117
 Michon, S. 252
 Mikeska, J. 357, 358
 Mikołajczyk, A. 15, 665, 666, 667, 668
 Milazzo, M. 577
 Mildenberg, L. 118
 Minarovičová, E. 253, 736
 Minnitt, S.C. 938
 Mira, W.J. 837, 838
 Mirnik, I. 320
 Mitchiner, M. 359, 390, 391, 392, 476, 477, 478, 479
 Mitrea, B. 119
 Mizukami, M. 57
 Mo Honggui 480
 Moesgaard, J.C. 669
 Molinari, M.C. 120, 254
 Molnár, J. 839, 840
 Molnár, M. 939
 Moores, C.T. 940
 Mu Hongli 899
 Muñoz, M.L. 775, 776, 777, 841
 Müseler, W. 121, 122, 255
 Musiałowski, A. 31, 670
 Mutti A. 671
- Na Rongli 481
 Naster, P. 123
 Natkaniec-Frasiowa, J. 672
 Navarrini, R. 673
 Nègre, A. 360
 Nicolet, H. 124
 Niu Dasheng 482, 483, 484
 Noè, E. 842, 843, 844
 Nollomont, L. 674
 Nony, D. 256
 North, D. 257
 North, J.J. 32
 North, M. 675
 Novaković, S. 737, 746
- Obermajer, J. 845
 O'Brien, K.G. 485
 Oeconomides, M. 124
 O'Hara, M.D. 321
 Ölçer, C. 361, 362, 363, 364, 846, 900
 Olejniczak, J. 33
 Olivari, M. 805
 Oman, G. 365
 Oravetz, D. 50
 Orol Pernas, A. 58, 59, 676
 Osawa Valdes, F. 778
 Ou Yan 486
 Overbeck, B. 34, 149, 150, 151, 152, 258, 259, 260, 261, 262, 263, 264, 265, 677
 Overbeck, M. 264
- Pagan, H.E. 552
 Pan Liangui 535
 Pan Ru Yao 487
 Pan Zhenzhong 430
 Pandula, A. 847
 Payton, M. 901
 Pearce, M. 779
 Peixoto Cabral, J.M. 55, 366
 Pellicer I Bru, J. 60, 175, 367, 372, 678, 704
 Pentchev, V. 322
 People's Bank of China 488
 Perez-Sincreu, F. De P. 679
 Petách, E. 738
 Pfefferkorn, M.G. 754, 755, 848, 941
 Pieta, K. 266
 Pietroń, B. 35
 Piniński, J. 36
 Piotrowski, W. 902
 Pipović, V. 739
 Pitsillides, A. 740
 Planes I Albets, R. 680
 Plezia, M. 681
 Pliego, F. 169
 Plumier, J. 267
 Poenaru Bordea, Gh. 125
 Poleske, L.E. 903
 Popioł-Szymańska, A. 682
 Popović, P. 61
 Popović, V. 268
 Potin, V.M. 741
 Pozzi, E. 126
 Prieur, M. 127
 Privitera, V. 849
 Prožogo, K. 850
 Puhle, M. 851
- Qian Bingrong 489
 Qian Cunhao 490
 Qian Jie 491
 Qian Yu 62, 492
 Qiu Sida 493

- Raeder, J. 323
 Rajtár, J. 269
 Rappaport, U. 128
 Reckewell, R. 852
 Recoudy, FR. 943
 Reis, B. 944
 Remick, J. 853, 945, 946, 947
 Remy, B. 192, 246, 270, 271, 272, 273, 274, 275
 Revillion, S. 203
 Rhodes, N.G. 393, 394, 395, 494, 495, 496, 501
 Rinaldi, G. 661
 Rispling, G. 368, 369
 Ritzinger, J. 904
 Robinson, M. 497, 498, 499, 500, 501, 502
 Robinson, P. 276
 Röblitz, G. 153, 683, 684, 905
 Rodriguez Lorente, J.J. 370
 Rodriguez Marinho, J. 371
 Rogers, K.A. 906
 Roll, I. 251
 Ronen, Y. 129
 Roobaert, A. 161
 Rou Zhi 503
 Rubino, P. 76
 Rutter, K. 130

 Sabetta, L. 277, 278, 279
 Saenz-Diez, J.I. 366, 372, 373, 374
 Salgado, J. 617
 Salzmann, D. 280
 Santamas, M.L. 742
 Saracino, F. 854
 Sarkissian, H. 375
 Schäfer, H. 635
 Scheers, S. 154
 Schlegel, A. 685
 Schülter, G. 281
 Schmidt, A. 907
 Schmitt, L. 282
 Schneider, K. 686
 Schöne, M.H. 908
 Schönert-Geiss, E. 131
 Schrock, U.E.G. 687-909
 Schubert, C. 743
 Schulz, K. 38
 Schulzki, H.-J. 283
 Schwan, F. 910
 Şefçik, E. 688
 Sensi, L. 284
 Serafin Petrillo, P. 689
 Servais-Soyez, B. 132
 Sharples, J. 39, 780
 Sheng Zhang-Jun 513
 Sheppard, A.R.R. 133
 Shi Lei 504

 Shimmin, P.E. 553
 Shrestha, B.N. 911
 Simcic, B. 894
 Šimek, E. 744
 Sippel, D.V. 134
 Šipuš, N. 285
 Šišmiš, M. 718
 Skerjanec, C.F. 894
 Smolderen, L. 855
 Snyder, W.S. 40
 Spinner, F.E. 756
 Spruth, F. 856
 Stazio, A. 135
 Steulmann, G. 857
 Stevens, P.J.E. 396
 Strubbe, J.H.M. 136
 Sun Zhonghui 505, 506
 Suñe, J.Mo. 4
 Szczurek, T. 690
 Szwagrzyk, J. 41

 Taliercio, M. 140
 Talvio, T. 858, 859, 860
 Tan M.Q. 912
 Tang Mingfu 913
 Tang Shifu 507, 508
 Tarradell-Font, N. 286
 Taylor, C.R.H. 861
 Terada, C. 914
 Teikichi, I. 509
 Thiele, D. 905
 Thierry, F. 510, 691
 Thion, P. 182
 Thiry, J.-C. 287
 Thompson, D. 692
 Thompson, H.O. 141
 Thompson, R.H. 948
 Thüry, G.E. 693, 694, 695
 Tian Liying 915
 Tijms, W. 696
 Timmerman, F. 397
 Todd, M. 288
 Tomei, M.A. 289
 Tondo, L. 163, 173, 697
 Tong Zhiyu 514
 Tong Zi 511
 Travaini, L. 698, 699, 700
 Tripp, D.E. 166
 Trombetta, P. 182
 Tu He 512
 Turro I Martinez, A. 916
 Tye, R. 398, 399, 400
 Tzotchev, M. 324

 Uman, B. 763
 Unger, W. 862
 Unyi, J. 745

- Vacano, O. Von 142
 Vajna, E. 591
 Valls Font, J.M. 43
 Van Arsdell, R.D. 290, 325
 Van Keuren, F. 143
 Van Rey, M. 701
 Van Winkle, M. 757
 Vandenberghe, St. 863
 Vannederghem, Ch. 702
 Vanni Peccatori, F.M. 44, 167, 703, 864
 Vegue, P. 704
 Vidal Bardon, J.Ma. 291
 Villaronga, L. 63, 176, 177, 621, 705, 706
 Virk, W. 707
 Vismara, N. 292
 Voltolina, P. 865, 866, 867
 Vort-Ronald, M.P. 917, 918
 Vučićević, I. 746

 Wagner, D. 225
 Waha, M. De 708
 Wang Chien-Yu 513
 Wang Dan 919
 Wang Guicheng 514
 Wang Hsien-T'ang 515
 Wang Qingzheng 516
 Wang Shaohua 443
 Wang Tihong 53
 Wang Tong 920
 Wang Yicheng 45
 Wang Yulang 517
 Wang Zongfa 518
 Warden, W.B. Jr. 376, 377, 378
 Wei Yue Wang 519
 Weiller, R. 709
 Weiser, W. 144
 Weiss, P. 145
 Wenning, R. 293
 West, K. 401
 West, V. 328
 Westermarck, U. 710
 Whetstone, W.B. 294
 Whittet, T.D. 949
 Wielandt, F. 711
 Wiggins, W. 379, 402, 403, 404, 405, 406, 407, 408
 Willey, R.C. 764
 Wilson, L. 950
 Wiséhn, E. 712

 Wiséhn, I. 951
 Witzel, J. 713
 Włodarczyk, R. 46
 Wojtulewicz, H. 47
 Wong, S.Y. 520
 Wong Wenzhong 521
 Woodhead, P. 380
 Wright, R.N.J. 522, 523
 Wu Chouzhong 524, 921, 922, 923, 924
 Wu Kaitai 545, 928
 Wu ZiQuan 525
 Wu Zongxin 526, 527

 Xie Shiping 528
 Xiong Handong 925
 Xu Shoufu 881
 Xu Tingxian 530
 Xu Weiyi 530
 Xu Youming 758, 759

 Yan Jinping 531
 Yang Zunsheng 532
 Yannopoulos, P.A. 326, 327
 Yao Shuomin 533, 534, 912
 Ye Shichang 535
 Ye Tengjiao 536
 Yi Ya 926
 Yu Minggao 439
 Yuan Lin 451

 Żaczek, A. 48
 Zedelius, V. 155, 295, 296
 Zhang Han 537
 Zhang Jianxin 538
 Zhang Zuguo 539
 Zhao Heiyuan 927
 Zhao Kuanghua 444
 Zhi Kan 540
 Zhou Nanjing 781
 Zhou Weixin 461
 Zhu Chunde 541
 Zhu Hua 542, 543
 Zhu Huo 544
 Ziegler, R. 146
 Zilch, R. 49
 Zombori, L. 714
 Zozuláková, K. 297
 Zuo Baocheng 545, 928

REF

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NUMISMATIC LITERATURE

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PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

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MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals, and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to Members and the public from 9 A.M. to 4:30 P.M. on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 P.M. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24, and Christmas Day. The public exhibition is open from 10 A.M. to 4:30 P.M. on the fourth Friday and the fourth Saturday of November.

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CONTENTS

Preface	v
Contributing Editors	vi
Guide for Abstractors	xi
Periodical Abbreviations	xiii
General	1
Technology and Methodology	15
Greek	19
Celtic	32
Punic	35
Etruscan	36
Iberian	37
Roman	38
Byzantine	59
Ancient Near East	62
Near and Middle East—Medieval and Modern	63
India	71
Far East	73
Africa—Medieval and Modern	78
Europe—Medieval and Modern	
Great Britain and Ireland	79
Western and Central Europe	84
Eastern Europe and the Balkans	108
The Americas	
United States	122
Canada	126
Mexico, Central and South America	127
Oceania	130
Medals and Decorations	131
Primitive Money	149
Paper Money	150
Tokens and Jetons	155
Reviews	162
Obituaries	167
Corrigenda	167
Hoard List	168
Subject Index	169
Author Index	178

PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Each issue of *NL* is now paged separately, rather than consecutively within each issue, and an abstract can therefore be identified by the number together with the abstract number, for example, 81-1. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. At the end of each section is a list of numbered cross references to abstracts with related material in other sections. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcomed and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a *Festschrift* or *Proceedings* of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of the publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are removed from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

The Medal
MitaliMed

The Medal. British Art Medal Society, England.
Mitali Medaljen. Finnish Art Medal Society.
Helsinki, Finland.

NNb

Numismatisches Nachrichtenblatt. Organ des Verbandes der Deutschen Münzvereine e.V.
Speyer, West Germany.

SAN

Society for Ancient Numismatics Journal. P.O. Box
2138, Terminal Annex, Los Angeles, CA
90051.

GENERAL

1 ALEXANDER, DAVID T. Hoards: From Ancient Ruins to Modern Vaults, Coin Treasures Still Explode on the Market. *COINage* Vol. 24 No. 6 (June 1988) pp. 70-72, 76, 78.

The author discusses generally the different types of hoards and describes some of the more famous ones.
(Candace Carter)

2 ALEXANDER, DAVID T. 10 Coins That Made Headlines: Their Stories Tell of Controversial Designs, Government Blunders and Numismatic Errors. *COINage* Vol. 24 No. 7 (July 1988) pp. 66-67, 70, 106, 108 illus.

The author discusses 10 coins, which fall into the category of numismatic error, such as (1) the 1887 and 1890 six pence; (2) the French 5 francs, Bazor type; and, (3) the Spanish 50 centimos.
(Candace Carter)

3 ALFARO ASINS, C. Monedas con indicación de procedencia recientemente integradas en la Sección de Numismática del M.A.N., II. *Boletín del Museo Arqueológico Nacional* Vol. 4 No. 2 (Madrid, 1986) pp. 169-185 illus.

4 AREFIEV, V. The Grand Duke's Centenary. *JRNS* Vol. 25 (Winter 1986-7) pp. 22-31.

The author outlines the biography of the Grand Duke Georgii Mikhailovich and traces the progress of his collecting and publishing from 1886 when his first numismatic work appeared in print. Included is an appreciation of his collaborators.
(Randolph Zander)

- 5 ARNOLD, PAUL. Münzkabinett 1984. *Jahrbuch der Staatlichen Kunstsammlungen Dresden* Vol. 16 (1984) pp. 209-224 illus.

The 1984 report of the Coin Cabinet is published. The report discusses significant scientific research, recent acquisitions, publications and lectures. Also described are the coin finds of Lindenau, comprising 20 coins from Saxony, Spain and Venice ca. 1661/1668, and one from Bischofswerda, comprising 31 Prussian and Saxon coins, dated ca. 1762 and 1844. (Author)

- 6 ARTSIKHOVSKY, A.V. A.V. Oreshnikov. *JRNS* Vol. 5 (Winter 1981) pp. 14-15 illus.

A brief biography of the prominent Russian numismatist and researcher is given. (Randolph Zander)

- 7 ASAVINA, N. Kolleksiia Vostochnykh Monet GMII im. Pushkina. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987* (Moscow, Tezisy Dokladov i Soobshcheniï 1987) pp. 32-33. In Russian.

- 8 BERTINO, ANTONIO. Due periodi critici nella storia di Luni. *Studi lunensi e prospettive sull'Occidente romano*. Atti del Convegno, Lerici settembre 1985. *Quaderni Centro Studi Lunensi* 10-11-12, III. (Luni, Centro Studi Lunensi 1985-1987) pp. 541-554.

Based on the analysis of the coin finds and the review of the mint at Luni, the author examines 2 turning points in the history of the city: the decline of the Roman colony in the second half of the 3rd to the end of the 4th century and the decline of the medieval center. The selection of coinage comprises the issues of 251-395 and the period between the end of the 10th and the 12th century. (Andrea Carignani)

- 9 BOGAERT, RAYMOND. *Les dépôts, le crédit et le commerce de l'argent à travers les âges*. (Antwerp, HSA [Hypotheeken-Spaarbank Antwerpen] 1988) 72 pp. illus.

Published simultaneously as the Dutch original [*Deposita, Krediet en Geldhandel door de eeuwen heen*], 72 pp., and the translation in German [*Depositum, Kredit und Geldhandel durch die Jahrhunderte*], 72 pp. This book has been distributed among its clients by the savings bank HSA on the occasion of its 50th anniversary. The author shows when, where and how the different banking operations and the different types of banks originated, resulting with the modern banking system in Western Europe. Many of the 62 illustrations concern coins, minting, exchange and paper money. (Author)

- 10 BULATOVICH, S.A. Antichnye Monety iz Raskopok Tiry v 1963-1985 Godakh. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniï 1987) pp. 33-35. In Russian.

- 11 CASSANDRO, TIZIANA. Il monetiere dell'Antiquarium. Edited by Patrizia Fortini. *Monte Romano: Indagine di un territorio e materiali dall'Antiquarium*.

(Rome, Paleani 1987) pp. 120-122 illus.

The author publishes 8 coins in the numismatic collection of the Antiquarium di Monte Romano (Viterbo), the provenance of which is that same territory. She discusses 4 late Roman Imperial bronzes (from Gordian III to Valentinian I), 3 pontifical coins (Clement VIII, Urban VIII, Benedict XIV) and 5 centesimi of Victor Emmanuel II (1861).
(*Andrea Carignani*)

12 CLEMENTS, SAMUEL. Tales from the Gorky Woods. *JRNS* Vol. 11 (Summer 1983) pp. 14-15.

An informal open-air Moscow numismatic bourse is described.

(*Randolph Zander*)

13 COLAERT, MAURICE. Joachim Lelewel, numismate. *Joachim Lelewel à Bruxelles de 1833 à 1861. Actes du colloque des 17 et 18 avril 1986*. Edited by Teresa Wysokinska. (Brussels, Centre international Lelewel d'études et d'informations historiques 1987) pp. 205-210.

The numismatic activity of the Polish scholar Joachim Lelewel, a political refugee in Brussels, who was very active in the medieval and Celtic fields, is discussed.

(*Paul Naster*)

14 COLAERT, MAURICE. Numismatique. *Bibliographie de l'histoire de l'art national*. Edited by Jacqueline Folie. *RBelArchHistArt* Vol. 56 (1987) pp. 202-203, 209.

Cf. *NL* 118-16.

15 CZERSKI, MIECZYSLAW. Cegiełki na pomoc dla Wietnamu [The Receipts of the Vietnam Aid]. *BN* Nos. 7-8 (July-Aug. 1984, publ. 1985) p. 147 illus.

In the 1960s the former Central Council of Trade Unions in Poland collected money to aid Vietnam and issued a series of receipts in the form of postage stamps in various denominations, ranging from 50 to 5,000 zlotys.

(*Andrzej Mikołajczyk*)

16 DARNIS, JEAN-MARIE. Historique du médaillier de la Monnaie de Paris. *RBN* Vol. 133 (1987) pp. 179-192.

Since the history of the coin and medal collection of the mint of Paris has already been detailed for the 16th century, this article essentially covers from the 18th century onward.

(*Paul Naster*)

17 DEKESEL, C.E. *Hubertus Goltzius: The Father of Ancient Numismatics*. (Ghent, Bibliotheca Numismatica Siliciana 1988) 213 pp. illus.

The life and work of Goltzius is discussed and described. Two chapters are devoted to the work which was influenced by him.

(*Candace Carter*)

18 DOBROVOLSKIĬ, I.G., DUBOV, I.V. and SEDYKH, V.N. Novye

monety Timerevskogo Klada, Postupivshie v Ėrmitazh v 1986 g. *Novoe v sovet-skoĭ Numizmatike i Numizmaticheskome Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 24-25. In Russian.

19 DOVUTOV, D. Klady Srednevekovykh Monet iz Tadzhikistana (Nakhodki 1981-1985 gg.). *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 35-36. In Russian.

20 DUKSA, Z. Neopublikovannye Klady s Russkimi Monetami v Istoriko-etnograficheskom Muzei Litovskoi SSR. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 36-38. In Russian.

21 FRÅN MYNTKABINETTET I VÄXJÖ. *Kronobergsboken 1987*. [From the Växjö Coin Cabinet]. (Växjö 1987) 318 pp. illus.

The Coin Cabinet in the Smålands Museum, Växjö, holds some of the most important numismatic collections in Sweden, partly dating back to the 18th century. The 21 contributions deal with various numismatic subjects with reference to the Växjö Cabinet. (Ulla Westermarck)

22 FRIED, WOLFGANG. Wilibald Redder 1893-1965. *NumBeitr* Vol. 20 No. 4 (1987) p. 168.

The author discusses in detail the well-known Leipzig coin dealer.

(Paul Arnold)

23 GAIDUKOV, P.G. Ves Madiykh Monet Velikogo Kniazhestva Tverskogo. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 5-7. In Russian.

24 GIEDROYC, RICHARD. Pursuing Excellence: Collecting Coins and Medals of the Olympics. *CW* (Supplement) (Feb. 1988) pp. S3-S41 illus.

Following a history of the Olympics, the author discusses some modern (post 1896) coins and medals struck to commemorate the games.

(Candace Carter)

25 GINZBURG, G.I. Biblioteka Otdela' Numizmatiki. *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskome Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 34-36. In Russian.

26 GÖBL, ROBERT. *Numismatik, Grundriss und wissenschaftliches System*. (Munich, Ernst Battenberg Verlag 1987) 315 pp. illus. ISBN 3-87045-231-5.

The volume should be considered as a general introduction to the study of numismatics. The various kinds of coinage and money, the use of coinage as a source for historical sciences, the interpretation of coinage and the reconstruction of coinage systems are surveyed. Additionally, items such as fakes, pseudo-monetary forms (medals), numismatic high school teaching, literature and societies as well as the use of computers are treated. The text (91 pp.) is largely illustrated by samples ranging from the beginning to modern times and from China to Western Europe.

(Peter Ilisch)

27 GOLENKO, V.K. and MASLENNIKOV, A.A. Dva Klada Monets Poseleniia "Polianka." *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskome Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 51-52. In Russian.

28 GOTTFRIED, MIROSLAV. Nositelé Nobelovy ceny na mincích [The Holders of the Noble Prize on Coins]. *NListy* Vol. 42 (1987) pp. 74-89 illus. German summary.

A list of European coins dedicated to the holders of the Nobel prize is given.

(Z. Nemeškalová-Jiroudková)

29 GOTTSCHALK, JÜRGEN. Internationales Symposium über Johann Heinrich Schulze. *NumBeitr* Vol. 20 No. 4 (1987) pp. 171-172.

The author reports on the symposium.

(Paul Arnold)

30 GROTHAUSEN-VAN GANSBEKE, MARIE-H. La collection numismatique Karel Loppens au Musée de l'Abbaye des Dunes à Coxyde. *Duinen* Vol. 15 (1985) pp. 59-75 illus. and Vol. 16 (1986) pp. 35-61 illus.

Karel Loppens (1875-1962), an amateur archaeologist, made excavations on different sites near the Belgian coast. The 137 coins, which were found, were given to the Museum of the Abbey of the Dunes at Coxyde (Belgium). These coins were from Zuydcoote and Bray-Dunes on the French coast and from a half dozen places between La Panne and Nieuport in Belgium. The coins are: 3 Roman (Trajan, Hadrian, Antoninus Pius), 3 sceattas, several French feudal and royal, many of the Low Countries, 2 James III of Scotland, 1 19th century, and several tokens and jetons.

(Author)

31 HERNESHEN, RON. Historical List No. 19 - Space Flights on Coins. *CNJ* Vol. 33 No. 5 (May 1988) p. 213.

The author listed the coins commemorating space flights. The Intercosmos series consisted of 9 flights; 6 of these flights are commemorated on coins of the cosmonauts' respective countries: Poland, East Germany, Bulgaria, Hungary, Cuba, and Mongolia. One coin listed for the USSR celebrates the 20th anniversary of her first manned space flight; the coins for the USA were not issued on the date of the occasion.

(Candace Carter)

- 32** HERSHEND, FRANDS. Metrological Problems. *Tor* Vol. 21 (1987) pp. 173-204 illus.

On the basis of the weight of artifacts from the Gotlandic Viking Age, the author discusses different interpretations of these weights as compared to coin-weights and ends with a treatment of the so-called Romano-Arabic connection within the field of metrology. (Bengt E. Hovén)

- 33** ILAN, Z. and DAMATI, E. *Meroth the Ancient Jewish Village*. (Tel Aviv, Society for the Protection of Nature in Israel 1987) 190 pp. illus. In Hebrew with short English summary.

Of numismatic interest are two articles. (1) A. Kindler. The Coins of the Synagogue's Treasury. (pp. 118-126). A hoard of coins found at this site in northeast Galilee is very summarily described. The coins are mainly Byzantine issues of the 6th century AD, including 56 solidi, 38 semisses, 150 tremisses, 225 folles and 13 half folles. Comparison is made with 12 other sites in Israel where synagogue treasuries were found. (2) Z. Ilan. The Coins of the Meroth Excavations. (pp. 127-130). A summary listing of coins found (other than in the Synagogue Treasury) is given. The 40 coins listed date from Antiochus IV, 175-164 BC, to al Nasser Faraj, AD 1406-12. (Arnold Spaer)

- 34** ILAN, Z. and DAMATI, E. The Synagogue and Beth Midrash at Ancient Meroth. *Qadmoniot* Vol. 20 Nos. 3-4 (79-80) (1987) pp. 87-96. In Hebrew.

On pp. 95-96 mention is made of the discovery of the "treasury" of this site in Upper Galilee. In a rock-cut space beneath the floor of a store-room 245 gold coins and 240 copper pieces were found. A few more bronze coins were found nearby. The earliest coin is of Alexander Jannaeus with 6 others, dating to the 4th century AD, prior to the construction of the building. Most of the other coins are dated to the period from the end of the 5th century to the early 7th century AD. An 'Abāssid gold dinar of AD 783 was among the later coins, while the latest piece is an Ayoubite issue of al 'Othman, dated AD 1193, about which time the buildings and the surrounding village seem to have been destroyed. (Arnold Spaer)

- 35** JENSEN, JØRGEN STEEN. Hermann Dannenberg und Christian Jürgensen Thomsen. *Commentationes Numismaticae. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht*. (Hamburg, 1988) pp. 9-17. ISBN 3-922451-04-7.

Hermann Dannenberg corresponded with the Danish numismatist Christian Jürgensen Thomsen. From the letters of Dannenberg to Thomsen many interesting details about the personality of the writer, hoards and the exchange of coins with the Copenhagen cabinet are published. (Peter Ilisch)

- 36** KALININ, B.A. Novye postupleniia v otdel numizmatiki Gosydarstvennogo Ėrmitazha (1977-1987). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy dokpadov i soobshcheniĭ Nauchnoi konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭ Ėrmitazh 1987) pp. 9-10. In Russian.

37 KAY, MARVIN. Dr. Ludwig L. Zamenhof & Esperanto, an International Language. *CNJ* Vol. 33 No. 3 (March 1988) pp. 94-95 illus.

The author discusses and illustrates several coins and medals which depict Dr. Zamenhof, the inventor of esperanto. (Candace Carter)

38 KIERSNOWSKI, RYSZARD. Nauki pomocnicze historii w okresie powojennym [Auxiliary Disciplines of History in the Post-War Period]. *Kwartalnik Historyczny* Vol. 96 No. 1 (1987) pp. 293-315.

The development of the auxiliary historical disciplines, including numismatic studies, in Poland after World War II is outlined. (Andrzej Mikołajczyk)

39 KLÜSSENDORF, NIKLOT. *Der Münzschatz von Niederhone und die hessenkasselsche Denkmalflegeverordnung von 1780. Untersuchungen und Materialien zur Verfassungs- und Landesgeschichte*. Vol. 10. (Marburg, Hessisches Landesamt für geschichtliche Landeskunde 1987) 159 pp. illus.

In 1780, a hoard consisting of ca. 140 gold and silver coins (ducats, gold florins, rosenobles, thalers, from German mints, Hungary, Transylvania, Switzerland, The Netherlands, Denmark and Italy) was discovered in Niederhone (near Eschwege, Hesse). The legal proceedings which followed this discovery led to the famous decree (22 Dec. 1780) of Frederick II (1760-1785), landgrave of Hesse-Kassel. In this decree, which formed the legal basis for archaeological research in Hesse-Kassel for 180 years, the private property of coin hoards was guaranteed, under provision that the authorities were informed to secure historic evidence. For the 18th century, this decree must be evaluated as an example of singular enlightenment. A selection of coins from the Niederhone hoard was bought by the famous Museum Fridericanum in Kassel. To settle severe financial difficulties of the Museum, the whole collection of non-Hessian coins and medals was sold in 1923. The Niederhone hoard was dispersed in the context of these operations. The political and financial backgrounds of this peculiar development are traced. Finally, the history of research on coin hoards and numismatic achievements in Hesse are discussed with particular attention to the evolution of numismatics as a science. (Author)

40 KOZLOV, A.V. Ob Opyte Ispol'zovaniia Numizmaticheskikh Pamiatniakov v Uchebnom Protsesse. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 46-48. In Russian.

41 KUNZEL, MICHAEL and GOTTSCHALK, JÜRGEN. Der Sammler, Forscher, Kunsthändler, Antiquar und Wissenschaftsorganisator Richard Gaettens. *NumBeitr* Vol. 20 No. 3 (1987) pp. 116-123, 144.

The author discusses Richard Gaettens in detail. (Paul Arnold)

42 KURBANOV, G.N. Novye Numizmaticheskie Postupleniia v Bukharskiĭ Muzeĭ-Zapovednik. *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) p. 46. In Russian.

43 LAGERQVIST, LARS O. Das Sammeln deutscher Münzen und Medaillen im Schweden des 18. Jahrhunderts. Beispiel Carl Graf Tessin und Königin Luise Ulrika. *Commentationes Numismaticae. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 331-351 illus.

Following a survey of public and private coin collecting in 17th and 18th century Sweden, the history of the collection of the count and politician Tessin, later sold to Queen Luise Ulrike and in 1762 given to the state, is related. A list of the German territories represented in these collections is given. (Peter Ilisch)

44 LOÏE, GEORGES DE *et al.* *Catalogue des monnaies en or de l'antiquité, de Byzance, et du haut moyen âge. Musée Calvet.* (Avignon, Fondation du Musée Calvet 1987) 90 pp. illus.

Some of the best scholars in the field describe the 283 coins in this first volume of the coins in the museum. (Candace Carter)

45 MAC DOWALL, D.W. and IBRAHIM, M. Pre-Islamic Coins in Herat Museum. *Afghan Studies* Vol. 2 (London, Society for Afghan Studies 1979) pp. 45-53 illus.

Eighty-five coins in this museum are listed and illustrated. They include Greek, Roman and other local issues. (Arnold Spaer)

46 MAC DOWALL, D.W. and IBRAHIM, M. Pre-Islamic Coins in Kandabar Museum. *Afghan Studies* Vol. 1 (London, Society for Afghan Studies 1978) pp. 67-77 illus.

The authors list and illustrate 163 coins in the museum (1 gold, 23 silver and 139 copper), including a table of weights. The coins include Mauryan, Indo-Greek, Parthian, Indo-Scythian, Indo-Parthian, Kushan, Sassanian and some medieval issues. (Arnold Spaer)

47 MADER, JULIUS. Numismatische Sammlungen in der DDR: Basis numismatischer Forschungen. *NumBeitr* Vol. 20 No. 3 (1987) pp. 109-115.

The author gives an overview of the numismatic collections in the public museums of the DDR. (Paul Arnold)

48 MARTINI, RODOLFO. Falsificazioni monetali: Note introduttive. *BollNum* Vol. 8 (1987) pp. 158-174 illus.

The author publishes a brief review of the history of forged coinage from the classical world until modern times with its sophisticated methods of reproduction. (Andrea Carignani)

49 MC CLURE, DUDLEY L. The dragon. *WCN* (9 Feb. 1988) pp. 30, 34, 36, 38 illus.

The iconography of dragons on oriental and European coins and medals, both ancient and modern, is discussed. (Joseph E. Boling)

50 MĘKICKI, JULIUSZ. Związek Numizmatyków Lwowskich—w 60 rocznicę powstania [Union of the Lwów Numismatists—on the 60th Anniversary] *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 81-89 illus. English summary.

Union of the Lwów Numismatists was founded in 1925. Several large exhibitions and auctions were arranged and in 1925-1928 the journal *Zapiski Numizmatyczne* was published. Members of the Union used to support some museums in Lwów, Rohatyń and Cracow with gifts. The outbreak of World War II interrupted the Union's activity.
(*Andrzej Mikołajczyk*)

51 MELNIKOVA, A.S. Pochka "Torgobol' Knigi" i ee zbolitsiia b khp v. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) p. 22. In Russian.

52 MIKOŁAJCZYK, ANDRZEJ. Z piasków pustyni do łódzkiego muzeum [From the Desert Sands to the Lodz Museum]. *Zotchlani Wieków* Vol. 47 Nos. 1-2 (1981) pp. 85-89 illus.

Polish citizens recorded and collected numerous finds of the ancient, medieval and post-medieval coins in the Near and Middle East, especially during World War II, which have been subsequently acquired by the Archaeological and Ethnographical Museum in Lodz.
(*Author*)

53 MINC, H. Ancient Jewish Coins in the Correspondence between John Locke and Nicolas Toinard. *BiblArch* Vol. 48 No. 2 (June 1985) pp. 108-121 illus.

The author discusses and quotes from this correspondence, exchanged from 1694-1700, which describes Jewish coins and their proposed attributions, for example, all coins of the First Jewish Revolt were given to Judas and Simon Maccabeus.
(*Arnold Spaer*)

54 NATHORST-BÖÖS, ERNST and WISÉHN, IAN. *Numismatiska forskare och myntsamlare i Sverige fram till 1830-talet* [Numismatic and Coin Collectors in Sweden Until the 1830s]. *NM* Vol. 36 (Uppsala 1987) 128 pp. illus.

The 239 numismatists living in Sweden before ca. 1830 are introduced with short biographies.
(*Ulla Westermarck*)

55 NOHEJLOVÁ-PRÁTOVÁ, EMANUELA. *Základy numismatiky* [Foundations of Numismatics]. Second edition (Prague, Academia 1986) 336 pp. illus.

A numismatic handbook with a broadly conceived subject is published. The author discusses the evolution of coins from the earliest to the present time, mint techniques, and the organization of minting as well as the method used in numismatics. Many other related subjects are included. An appendix as well as a bibliography by E. Šimek are added.
(*Z. Nemeškalová-Jiroušková*)

56 NOWAKOWSKI, ANDRZEJ and POKLEWSKI, TADEUSZ. Les monnaies du Bas Moyen Age dans les recherches archéologiques polonaises—certains aspects méthodiques. *Fasciculi Archaeologiae Historicae* Vol. I (Lodz, Polish Academy of Sciences 1986, publ. 1987) pp. 65-70.

The French translation of the Polish version of *NL* 118-77 is published.

(Andrzej Mikołajczyk)

57 OPITZ, CHARLES J. *Odd and Curious Money: Descriptions and Values*. (Ocala, FL, First Impressions Printing 1986) 90 pp. illus.

Based on the author's collection, the book alphabetically lists over 350 examples of traditional currency from around the world. The emphasis is on Africa, North and South America, the Far East and Papua New Guinea. The author includes current values in U.S. dollars for most pieces.

(Colin Barron)

58 PARKER, S.T. Preliminary Report on the 1985 Season of the Limes Arabicus Project. *BASOR* Suppl. No. 25. Preliminary Reports of ASOR Sponsored Excavations (1982-1985) pp. 131-174.

On pp. 162-174 J.W. Betlyon in an appendix lists the 95 coins from the 1985 season of the Limes Arabicus Project. 13 late Roman, 41 early Byzantine, 19 late Byzantine and a few later issues have been identified.

(Arnold Spaer)

59 PERKOWSKI, JAN L. More on the Grand Duke Georgii Mikhailovich and his Collection. *JRNS* Vol. 16 (Autumn 1984) pp. 31-38 illus.

In a three-part article, the author supplements his earlier study on medals of Peter I, discusses the production and use of dukaches (ornamental coin-like folk jewelry used chiefly in the Ukraine), and provides anecdotal detail on the Grand Duke Georgii Mikhailovich and his numismatic collection.

(Randolph Zander)

60 PLUMB, J.B. and ZANDER, R. P.P. von Winkler. *JRNS* Vol. 26 (Spring 1987) pp. 19-20.

A brief biographical sketch is accompanied by a list of the author's numismatic works.

(Randolph Zander)

61 POLCHANINOFF, R. A pre-Petrine monetary vocabulary. *JRNS* Vol. 28 (Autumn 1987) pp. 25-35.

The author presents, defines and discusses early Russian official and popular monetary terminology, and provides illustrations of most of the objects named.

(Randolph Zander)

62 POTIN, V.M. Minskabinet Ėrmitazha v Perye Desiatiletiia svoego sushchestvovaniia. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi muzevedenii. Kratkie Tezisy dokpadov i soobshchenii nauchnoi konferentsii*. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ėrmitazh 1987) pp. 7-8. In Russian.

63 POTIN, V.M. Sokrovishcha Pogibshikh Korablei Kak Numizmaticheskie Nakhodki (K Postanovke Voprosa). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 43-44. In Russian.

64 POTTER, G.R.L. The Coin Metals. *CNJ* Vol. 33 No. 1 (Jan. 1988) pp. 26-29.

The article, reprinted from *CNJ*, April/May/July 1957, briefly discusses gold, silver and copper.
(Candace Carter)

65 ROSSI, ROBERTO. *La vita e l'opera di Angelo Cinagli numismatico marchigiana*. (Fermo, Publisher not indicated 1984) 69 pp. illus.

A biography of the numismatist Angelo Cinagli (1784-1851) on the occasion of the bicentenary of his birth is published. The art dealer was one of the authors of a complete work on the pontifical coinage, entitled *Le monete dei Papi descritte in tavole sinottiche*, published in Fermo in 1848. Among his projects which remained unfinished at the time of his death were a study on pontifical medals and several *Additions and Corrections* to *The Coinage of the Popes*.
(Andrea Carignani)

66 SARYAN, LEVON A. Paul Bedoukian: Careers in Chemistry and Numismatics. *Ararat* Vol. 27 No. 2 (Spring 1986) (New Jersey, Armenian General Benevolent Union) pp. 45-49 illus.

Paul Z. Bedoukian, a professional chemist, began pursuing his interest in Armenian coins and antiquities in the early 1950s. He has written a number of articles and books, such as *Coinage of Cilician Armenia*, *Coinage of the Artaxiads of Armenia*, and *Coinage of the Armenian Kingdoms of Sophene and Commagene*. His numismatic career is described in detail.
(Candace Carter)

67 SEMENOVA, T.B. K voprosy istorii sozdaniia Kabineta Monet i Medalei v Novom Ermitazhe (Muzeino-obstanovochnaia Mebel'). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) p. 34. In Russian.

68 SINGATULLINA, A.Z. Iz Istopii Sozdaniia Numizmaticheskoi Kollektzii Gosudarstvennogo Ob"edinennogo Muzeia Tatarii. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 83-85. In Russian.

69 SVINTSOVA, G.K. Kollektzii Antichnykh Monet GMII im. Pushkina i Novye Postupleniia. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshchenii 1987) pp. 62-64. In Russian.

70 SZWAGRZYK, JÓSEF A. Zakład Narodowy im. Ossolińskich Biblioteki Polskiej Akademii Nauk - Dział Numizmatyczny [The Ossoliński's National Library Institute of the Polish Academy of Sciences - Numismatic Department]. *SprawNum* (1981, publ. 1983).

The 1980 and 1981 numismatic acquisitions of the Library of the Polish Academy of Sciences in Wrocław are reported by the keeper of the Numismatic Department.
(*Andrzej Mikołajczyk*)

71 SZYMAŃSKI, JÓZEF. *Nauki pomocnicze historii* [Auxiliary Historical Sciences]. (Warsaw, 1983) 780 pp. illus.

In a comprehensive manual concerning the auxiliary historical disciplines (genealogy, chronology, metrology, historical geography, paleography, historical bibliography, heraldry, sphragistics, etc.) numismatics is studied as a science. Basic facts regarding the monetary history of Poland are mentioned in chapter 13, pp. 572-619.
(*Andrzej Mikołajczyk*)

72 THIRION, E. Les monnaies sur le site de la collégiale Saint-Georges d'Amay. *BullCercArchHesbayeCondroz* Vol. 19 (1985-86) pp. 125-134 illus.

Thirteen Roman and 9 medieval coins found in Amay (Belgium) are described.
(*Paul Naster*)

73 TONDO, LUIGI, GAMBOGI, PAMELA, and ROSATI, G. I rinvenimenti del 1974-77. 3. Monete, tessere, medaglie. *L'antico Palazzo dei Vescovi a Pistoia, II. I documenti archeologici*. (Florence, Leo S. Olschki 1987) pp. 669-679 illus.

The numismatic material found during the excavation of the Palazzo dei Vescovi at Pistoia (1974-77) is published. Among other things recorded were Roman coins from Augustus to Constantine II, medieval coins (Pisa, Florence, Siena) and modern coins (Victor Emmanuel II and Victor Emmanuel III).
(*Andrea Carignani*)

74 TONDO, LUIGI, GAMBOGI, PAMELA, and ROSATI, G. I saggi di scavo del 1978-80. 3. Monete. *L'antico Palazzo dei Vescovi a Pistoia, II. I documenti archeologici*. (Florence, Leo S. Olschki 1987) pp. 819-824 illus.

The numismatic material found during excavations of the Palazzo dei Vescovi di Pistoia (1978-80). A large part of the 37 published coins belongs to the second half of the 4th century AD (from Valentinian I to Theodosius), while the others were struck in the Republican mints of Pisa, Lucca and Florence.
(*Andrea Carignani*)

75 TRAVAINI, LUCIA. Lungotevere Testaccio. Le monete. Edited by S. Balbi de Caro and C. Moccheggiani Carpano. *Tevere: archeologia e commercio*. Catalogo della Mostra, Roma 28 maggio 1987, Soprintendenza Archeologica di Roma. (Rome, Banco di Roma 1987) pp. 16-17 illus.

A concise review of the numismatic material from the excavations conducted in Rome at Lungotevere Testaccio. The 175 coins found (previously published in *BollNum*

Vol. 5 (1985) pp. 71-126) range from a bronze of Capua of the 3rd century BC to a coin of Victor Emmanuel III. 40% of the material, however, dates to the period between the 4th and 5th century AD.
(*Andrea Carignani*)

76 VOLLKOMMER, RAINER. Herakles - Die Geburt eines Vorbildes und sein Fortbestehen bis in die Neuzeit. *Idea. Jahrbuch der Hamburger Kunsthalle* Vol. 6 (1987) pp. 7-29 illus.

The type of Herakles and its transformations are surveyed from the Greek myths till the 20th century in the breadth of numismatic, archaeological and literary evidence.
(*Wolfgang Leschhorn*)

77 WILLING, GUNTER. Karl Marx' Studien zur Geldgeschichte in den "Londoner Heften 1850-1853." *NumBeitr* Vol. 20 No. 3 (1987) pp. 98-108, 129.

The author discusses the studies concerning monetary history by Karl Marx.
(*Paul Arnold*)

78 YEOMAN, R.S. *Current Coins of the World*. 8th Edition. Revised and edited by Arthur and Ira Friedberg. (Racine, WI, Western Publishing Company 1988) 361 pp. illus.

The countries of the world are listed in alphabetical order. World coinage by type from ca. 1964 to the present is included in the book. Essentially an introductory book, the author and editors intend it to serve as an outline for organizing a collection.
(*Candace Carter*)

79 [ZANDER, R.] Alexei Alexeyevich Ilyin. *JRNS* Vol. 10 (Spring 1983) pp. 17-18 illus.

A brief biography of this numismatic author and sometime Hermitage curator is published.
(*Author*)

80 [ZANDER, R.] Baron Stanislas Ivanovich de Chaudoir. *JRNS* Vol. 8 (Autumn 1982) pp. 25-26 illus.

81 [ZANDER, R.] Count Ivan Ivanovich Tolstoi. *JRNS* Vol. 16 (Autumn 1984) pp. 6-19 illus.

A brief biography of the noted collector, researcher and author, and a discussion of his collection are published.
(*Author*)

82 [ZANDER, R.] General F.F. Schubert. *JRNS* Vol. 14 (Spring 1984) pp. 10-12 illus.

A brief biography of the famous collector and cataloguer is given.
(*Author*)

83 ZANDER, R. Gennadi Vasilievich Yudin. *JRNS* No. 28 (Autumn 1987) pp. 35-37.

The assembly and eventual transfer to the Library of Congress in 1907 of a major Russian library, including an especially rich numismatic element, are traced.

(Author)

84 [ZANDER, R.] Iu B. Iversen. *JRNS* Vol. 12 (Autumn 1983) pp. 8-9 illus.

A brief biography of the 19th century Russian medallic researcher is published.

(Author)

85 [ZANDER, R.] J.J. Reichel. *JRNS* Vol. 15 (Summer 1984) pp. 8-11 illus.

A brief biography of the die-sinker, collector and cataloguer is published.

(Author)

86 [ZANDER, R.] O.F. Retowskii. *JRNS* Vol. 7 (Summer 1982) pp. 17-18 illus.

A brief biography of the author of the standard works on Crimean and Genocese-Tatar coinages is given.

(Author)

87 [ZANDER, R.] The Russian Society of Numismatists. *JRNS* Vol. 30 (Spring 1988) pp. 50-51 illus.

The Society's brief history and a medal marking its establishment are described.

(Author)

88 ZANDER, R. V.G. von Richter. *JRNS* Vol. 6 (Spring 1982) pp. 18-19 illus.

A biography and appreciation of the work of this publicist and collector are given.

(Author)

89 ZAVOROTNAIA, L.A. Kolleksiia Russkikh Monet v GMII im. Pushkina i Novejšie Postupleniia. *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 38-40. In Russian.

90 ZEĬMAL', E.V. O Sovremennom Etape Numizmaticheskogo Istochnikovedeniia. *Novoe v Sovetskoi Numizmatike i Numizmaticheskom Muzeovedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĖrmitazh 1987) pp. 41-42. In Russian.

91 ZOBINIA, V. and DUTSMANE, K. Novye Postupleniia Monetnykh Kladov v Muzei Latveiĭskoĭ SSR. *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 40-42. In Russian.

92 [ZUBOVA, N.V.] P.V. Zubov. *JRNS* Vol. 30 (Spring 1988) pp. 21-24 illus.

A granddaughter provides a sympathetic biography of a prominent early 20th century Moscow numismatist.

(Randolph Zander)

TECHNOLOGY AND METHODOLOGY

93 ARSLAN, ERMANNIO A. Programmi informatici in numismatica. Edited by F. d'Andria. *Informatica e archeologia classica*. Atti del Convegno Internazionale, Lecce 12-13 maggio 1986. (Galatina, Congedo 1987) pp. 41-48.

The author relates the recent experiences of the Civiche Raccolte Numismatiche of Milan with the computerization of the numismatic collection's holdings.

(A. Carignani)

94 BERTI, R., BUFFAGNI, M., RUSSO, F., RUSSO, G., SERAFIN PETRILLO, P. Sull'arricchimento superficiale di argento nei tetradrammi imperiali di Antiochia intorno alla metà del III secolo. *BollNum* Vol. 8 (1987) pp. 147-157 illus.

From the investigation of the physical and metallurgical type, conducted on several coins struck by the Antioch mint, the authors conclude that, due to the practice of whitening the precious metal, the coinage ought to be redated back at least to the period of Philip the Arab (mid-3rd century AD).

(A. Carignani)

95 BLANCHARD, IAN. "Real Money" and "Money of Account": Reflections upon Medieval European Monetary Systems. *Die historische Metrologie in den Wissenschaften*. (Or *Sachüberlieferung und Geschichte, Siegener Abhandlungen zur Entwicklung der materiellen Kultur*) Vol. 3 (St. Katharinen, Scripta Mercaturae Verlag 1986) pp. 192-200. ISBN 3-922661-28-9.

A theoretical model for coins, money of account and value of exchange is sketched.

(Peter Ilisch)

96 BYKOV, A.V. O Metropologicheskoi znachenii termina "pirog" v Denezhnom Obrashchenii Rossii KHu I-KHu II vv. *Vtoraja Numizmaticheskaja Konferentsiia 1987* (Moscow, Tezisy Dokladov i Soobshcheniia 1987) pp. 4-5. In Russian.

97 CARRANO, CLAUDIA. Il restauro del materiale numismatico proveniente dagli scavi del Tevere. Edited by S. Balbi de Caro and C. Mocheggiani Carpano. *Tevere: archeologia e commercio*. Catalogo della Mostra. Roma, 28 maggio 1987. (Rome, Soprintendenza Archeologica di Roma and Banco di Roma 1987) pp. 52-53 illus.

A brief note on the conservation and restoration of the coinage from the excavations at Lungotevere Testaccio is published.

(Andrea Carignani)

98 CAUET, S. and DOYEN, JEAN-MARC. Analyses isotopiques de rouelles en plomb de La Tène III. *Amphora* No. 49 (Sept. 1987) pp. 2-4.

Three Celtic "rouelles," often considered as coins, have been the object of isotopic

analyses of the lead. Although from different provenances (Belgium and France), the metal of which they are made could have the same geological origin. (*Author*)

99 DAVIDOVICH, E.A. Metod opredeleniia vesovogo standarta monet po ikh srednemu vesu. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 7-10. In Russian.

100 DUROV, V.A. Russkaia Monetnaia Sistema i Nagradnye Medali Rossii Khsh v. (Metrologicheskie nabliudeniia). *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 10-12. In Russian.

101 FINETTI, ANGELO. *Numismatica e tecnologia. Produzione e valutazione delle monete nelle società del passato*. Studi NIS Archeologia Vol. 6 (Rome, La Nuova Italia Scientifica 1987) 141 pp. illus.

In a technological approach to the study of numismatics, the author illustrates the various phases of the process of coin emission. The manual provides an examination of the moment of the finding of the metal, the true phase of minting and finally all the legal aspects concerning imitations, counterfeits and forgeries.

(A. Carignani)

102 GAGOSHIDZE, I.U.M., GVABERIDZE, T.S.M., KUTELIJA, T.C., and TSOTSELIJA, M.B. Uchet i Katalogizatsiia Numizmaticheskogo Materiala s Primeneniem Ėvm. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) p. 40. In Russian.

103 GUGUSHVILI, V.P. and MIRZOEVA, V.A. Programmnoe Obespechenie Faktograficheskoi Bazy Dannych Po Numizmatike. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 40-41. In Russian.

104 KAMENTSEVA, E.I. Obraztsovyĭ funt Peterbupgskogo monetnogo dvora KHup v. i zakon o merakh 1835 g. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 14-16. In Russian.

105 KARYSHKOVSKIĖ, P.O. Monetnye Sistemy Ol'vii. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 16-17. In Russian.

106 KOSOLAPOV, A.I. Nauchno-tekhnicheskaiia Ėkspertiza Monet i

Medalei v Ėrmitazhe. *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskome Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 36-38. In Russian.

107 KOTLIAR, N.F. Perezhitochnye Iavleniia v Denezhnom Schete i Terminologii na Ukraine Khup - Khush Vekov. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 17-19. In Russian.

108 LEĬMUS, I. Numizmatiko-Metrologicheskie Dannye o Prichinakh i Inflitsii v Livonii Khu 1 b. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 19-21. In Russian.

109 LESMAN, Iu.M. and CHERNYI, B.Ia. Avtomatizirovannaia Khronologicheskaiia Sistematizatsiia Monet (Na Materialakh Novgorodskikh Monet XV v.). *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskome Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) p. 39. In Russian.

110 LIETZ, EGON. Methoden und Anwendungen möglichkeiten analytischer Verfahren in der Numismatik. *Westfalia Numismatica 1988*. *Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 41-51.

The methods of analyzing the metal content of coins are surveyed and a modified method using atomic absorption spectrometry (AAS) and ICP/EES is described.
(Peter Ilisch)

111 MEDRANO MARQUES, M.Ma. Estudio de la circulación de las emisiones de Sekaisa, mediante la aplicación de un modelo estadístico. *Gac-Num* Vol. 86-87 (1987) pp. 139-160.

112 NOONAN, THOMAS S. Dirhams from early Medieval Russia. *JRNS* Vol. 17 (Winter 1984-85) pp. 8-12 illus.

The author discusses the methodology developed for the study and analysis of dirhem hoards associated with ancient Russia, outlines the rise and fall of the dirhem as a major medium of exchange in the region, and sets forth tasks challenging research in this field.
(Randolph Zander)

113 PELLICER I BRU, J. Comentarios teóricos a la metrologia de la Península Ibérica. *GacNum* No. 86-87 (1987) pp. 23-24.

The weights used are two: (1) from the coast and (2) from the northeast. Their parameters equal 15 and 18 Roman ounces, respectively.

(Leandre Villaronga)

- 114 SARYAN, LEVON A.** Chemical Composition of Armenian Coins. *Armenian Review* Vol. 40 No. 2-158 (Summer 1987) pp. 15-23.

The author discusses Umayyad dirhams of Arminiyah, Cilician silver coins and Crusader gold. (Candace Carter)

- 115 SELLWOOD, DAVID.** The Trial of Nicholas Briot. *BNJ* Vol. 56 (1986) pp. 108-123 illus.

An annotated English translation of the official report on the trials of Nicholas Briot's coining machines, carried out in Paris in 1617, is published. This illustrates the ingenuity of the early artist-engineer, the technical problems encountered in their attempts at mechanizing coinage production and the complex sequence of operations of the traditional 'hammered' method of manufacture. (Edward Besly)

- 116 SINCHUK, I.I.** Metrologiia Mednykh Solidov Rechi Pospolitoi 1659-1666 gg. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 27-30. In Russian.

- 117 TUMOSA, CHARLES.** An analysis of the Moldavo-Wallachian coins' composition. *JRNS* Vol. 23 (Summer 1986) pp. 25-27 illus.

An analysis of the metal content of a number of these coins establishes that the alloy, suitable for casting cannons, was not appropriately modified for striking coins, with the result that the coinage (1771-1774) was of poor quality. (Randolph Zander)

- 118 TUTTLE, AUBREY A.** Metallurgical Aspects of Coinage with Special Reference to Nickel. *CNJ* Vol. 33 No. 1 (Jan. 1988) pp. 40-45.

The author discusses the metallurgical aspects of copper, including sections on (1) coinage alloys, (2) what determines choice of alloy, and (3) minting. (Candace Carter)

- 119 VLACK, RONALD.** Coins on the Computer. *JRNS* Vol. 17 (Winter 1984-85) pp. 22-25.

The author outlines the system he has developed for computerizing his reference records on Russian coins, medals, paper money and numismatic literature. (Randolph Zander)

- 120 ZAGINAILO, A.G.** Monetno-Vesovye Sistemy Iuzhnogo Prichep-nomor'ia v Doellinisticheskoe vremia. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 12-13. In Russian.

For additional references to technology and methodology, see the following abstracts:

General, No. 32.

Roman, No. 259.

Western and Central Europe, Nos. 551, 595.

Mexico, Central and South America, No. 792.

Paper Money, Nos. 949, 959.

Tokens and Jetons, No. 996.

GREEK

121 ALFÖLDI, MARIA A. Riflessioni sulla riforma monetaria cosiddetta soloniana. *BollNum* Vol. 8 (1987) pp. 9-17 illus.

Based on the contrary and contradictory evidence of Androtion and Aristotle, an examination of the characteristics of Solon's presumed monetary reform is undertaken. The author concludes that historical reality negated this evidence, based on the facts of the first Athenian coinage and the relative stability of the monetary policy in the final phase of the Peisistratid tyranny (ca. 540 BC). (Andrea Carignani)

122 ASHTON, N.G. What does the Turtle Say? *NC* Vol. 147 (1987) pp. 1-7 illus.

An ancient Greek silver stater, minted on the island of Aegina in the late 6th century BC, has been uniquely super-inscribed on the obverse with the lengthiest known coin graffito from antiquity. The inscription, which is a mixture of retrograde and orthograde script produced by more than one 'hand,' is datable to the early decades of the 5th century BC. It is proposed that the stater was one of a number placed as a dedication to a local Aeginetan deity, as a tithe from monies received for the ransoming of captives. (Author)

123 ASHTON, RICHARD H.J. A pseudo-Rhodian drachm from Kaunos. *SM* Vol. 150 (May 1988).

The author attributes to Kaunos a unique pseudo-Rhodian drachm with magistrate's name Megistos, and dates it to not long before Kaunos' liberation from Rhodian suzerainty in 166. The very rare name Megistos also occurs on some post-167 Athena/sheathed sword hemidrachms of Kaunos. (Author)

124 ASHTON, R.H.J. Pseudo-Rhodian Drachms and the Beginning of the Lycian League Coinage. *NC* Vol. 147 (1987) pp. 8-25 illus.

The article argues that 2 series of Rhodian-type drachms (*BMC* 179-80 and 203, with names, respectively, Mousaios and Iason) were struck on the mainland of Asia Minor, in Caria and/or Lycia, probably in the late 180s or 170s. It argues that some countermarks on these and certain other Rhodian or pseudo-Rhodian drachms were applied in Lycia, and foreshadowed or reflected the types of the earliest Lycian League coinage. The beginning of the Lycian League silver coinage is put at 167 BC or not long afterwards. The article also discusses apparent links between Crete and Lycia in the earlier 2nd century BC. (Author)

125 BALDUS, HANS ROLAND. Die Siegel Alexanders des Grossen. Versuch einer Rekonstruktion auf literarischer und numismatischer Grundlage. *Chiron* Vol. 17 (1987) pp. 395-449 illus.

From the literary sources and from the Macedonian talismans of Alexander of the 3rd century BC, the lion is revealed as the emblem on Alexander's personal seal, which he used on his correspondence to Europe. The author discusses the signet

ring, taken from Darius III and used by Alexander in Asia, which depicts a sword-bearing lion and the sun (as seen in the Greek Alexander romance and the Italian symbols of the 3rd century BC, as well as the emblems used by the Alexander imitators of the Roman period).
(Wolfgang Leschhorn)

126 BAUSLAUGH, ROBERT A. Two Unpublished Overstrikes: New Style Athens and Aesillas the Quaestor. *ANSMN* Vol. 32 (1987) pp. 11-21 illus.

Two overstrikes providing new evidence about the relative chronology of the New Style Athenian tetradrachm coinage and contemporary Attic weight coinages are presented. The first is tentatively identified as NS Athens struck over an issue of the Bithynian regnal coinage and the second as Aesillas over NS Athens issue Niketes-Dionysios.
(Author)

127 BAZARGIUC, VIOLETA. O nouă descoperire geto-dacică în podișul central moldovenesc [A New Geto-Dacian Discovery in the Central Moldavian Plateau]. *Acta Moldaviae Meridionalis, Vaslui* Vol. 5-6 (1983-1984) pp. 169-175.

In the Geto-Dacian settlement from Bunești (Moldavia) 14 Geto-Dacian tetradrachms, Philip II type, were found. Among them were some original posthumous issues and one Histria didrachm.
(Constantin Preda)

128 BEN-TOR, A. and PORTUGALI, Y. Tell Qiri - A Village in the Jezreel Valley - Report of the Archaeological Excavations 1975 - 7. *Qedem* Vol. 24 (Jerusalem, 1987) 299 pp. illus.

On p. 51 Y. Meshorer publishes the 5 coins found at this site: 3 of Ptolemy II, 1 autonomous of Ake Ptolemais, and 1 post-reform Umayyad copper of Tiberias.
(Arnold Spaer)

129 BICKNELL, PETER. A Lead Trial Piece of the Fifth Century BC from Greek Southern Italy? *JNAAus* Vol. 4 (March 1988) pp. 22-25.

The piece in question, with types of a tripod and a bull, is classified as a genuine trial striking of the Croton-Pandosia series.
(John Melville-Jones)

130 BOCQUET, J.-P. Le sylphium nourriture des dieux. *Dossiers Histoire et Archéologie* No. 123 (Paris, Jan. 1988) pp. 88-91 illus.

In the special issue 'La Médecine dans l'Antiquité' the coins of Cyrene in antiquity are illustrated. These coins are the only, as well as most important, iconographical source to study the medicinal and culinary plant sylphium which was a source of wealth for that region and is no longer extant. Ancient sources which refer to the plant are discussed.
(Paul Naster)

131 CALCIATI, ROMOLO. *Corpus Nummorum Siculorum. Le monetazione di bronzo, I-III.* (Milan, G.M. 1983-1987) pp. xxxvi-397; xxviii-460; xxv-425.

The author publishes an inventory of the bronze coins of the mints of Sicily, including illustrations of each coin.
(Sara Sorda)

132 CALTABIANO, MARIA and COLACE, PAOLA. Leponimia monetale: dall'esperienza orientale a quella di età ellenistica. *NumAntiClas* Vol. 16 (1987) pp. 29-46 illus.

Based on a passage in Book IX of the *Onomastikon*, the authors examine and analyze completely the phenomenon of the eponym in numismatics. They consider in particular definite differences which occur among the examples in which the name of the sovereign establishes specific terms like staters (as is the case with Croesids, Philippi and Darics) and those with a generic term *nomisma* (Alexanders, Ptolemies, Berenike, Demarateion).
(Andrea Carignani)

133 CAMPO, M. Circulación de monedas massaliotas en la Península Ibérica. *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu*. (Paris, Le Léopard d'Or 1987) pp. 175-187.

Massaliote coins in Catalanian hoards establish a chronology based on a comparison with earlier fractions to the drachms of the second half of the 5th century BC. No reference to Iberian imitations of Massaliote obols of the wheel type is made.
(Leandre Villaronga)

134 CHARITONOV, CHRISTO. Imitation barbare d'un tétradrachme avec le nom d'Alexandre le Grand. *Numismatica* Vol. 21 No. 3 (1987) pp. 16-17 illus. In Bulgarian; Summary in French.

The author publishes a barbarous imitation of a tetradrachm with the name of Alexander the Great, found in the district of Veliko Tirnovo.
(Jordanka Youroukova)

135 DIMITROV, KAMEN. Observations on Several Hoards of Gold Hellenistic Coins from the Balkan Peninsula. *Études Balkaniques* Vol. 3 (1987) pp. 103-116 illus. In English.

The author studies the contents of 3 hoards of staters of Philip II and Alexander III. The hoard of Samovodéné (*IGCH* 395), of which a large part has been described and discussed by LeRider and the hoards of Roussé (Roussé 1952 and Roussé 1979). The contents of this last hoard (8 staters in the National Archaeological Museum, no. ccxxxvi) were not examined personally by the author. The short notices in the bulletin of hoards (*Archaeologia*, Vol. 1-2 (1981) p. 126) were used.
(Jordanka Youroukova)

136 DOMARADSKI, MECISLAV. Les données numismatiques et les études de la culture thrace du second âge du fer. *Numismatica* Vol. 21 No. 4 (1987) pp. 4-18 illus. French summary.

The study compares the isolated coins and the hoards from 78 Thracian sites, situated in the valleys of the Maritsa (Hebros) and the Toundja (Tonzos). The analysis of the diffusion of the hoards permits the following conclusions: the structure of the Thracian sites, the road system, the existence of economic and political centers, the political frontiers, the state of Seuthes III, etc. The quick spread in the circulation of coinage during the Macedonian presence in Thrace is discussed.
(Jordanka Youroukova)

137 DOYEN, JEAN-MARC. *Catalogue des monnaies antiques. Monnaies du monde celtique et des cités grecques.* (Charleville-Mézières, Musées 1987) 85 pp. illus.

The collection of Charleville-Mézières includes 95 Greek coins and 56 Celtic coins. Among the last, the origin of several is known. An inventory of the 757 Gaulish coins found in the Department Ardennes was also included. Among the Greek coins, the eastern series is well represented and contains some rare coins (Seleucus II, Nisibe; Antiochus IV, a posthumous emission). (Author)

138 DOYEN, JEAN-MARC. *Les monnaies antiques du Tell Abou Danné et d'Oumm el-Marra (campagnes 1976-1985). Aspects de la circulation monétaire en Syrie du Nord sous les Séleucides.* Publications de la Mission archéologique belge aux Tells Abou Danné et Oumm el-Marra (Syrie). (Brussels, Editions Archaion 1987) 177 pp. illus.

A Belgian archaeological mission, excavating at Tell Abu Danne, ca. 25 km. east of Aleppo, and at Umm el-Marra, ca. 22 km. east of Tell Abu Danne, discovered much material during the campaigns from 1976 to 1985. The 125 ancient coins, chiefly Seleucid, found during the excavations are studied in detail. The catalogue offers on a provisory synthesis the coin circulation on the Syro-Phoenician coast and in north Syria, from the beginning (6th century BC) to the reign of Augustus. Appendices present different aspects of the coinage of the region: an unpublished hemidrachm of Demetrius II, an inventory of the hoards of northern Syria, an inventory of the isolated archaic Athenian coins, a lead medallion with the figure of Atargatis, a catalogue of the coins found by F. Cumont in 1907 between Antioch and the Euphrates. An analysis was made regarding the metrology of the Seleucid bronzes (with a corpus of many types), which focused on a yearly weight indication to allow a comparison of the mint activity from site to site. (Author)

139 DOYEN, JEAN-MARC and LEMANT, JEAN-PIERRE. Un médaillon de Caracalla (Pergame, 214 après J.-C.) découvert à Vireux-Wallerand (Ardennes, France). *Amphora* Vol. 51 (March 1988) pp. 27-35 illus.

A Greek medaillon of Caracalla struck at Pergamon (*BMC Mysia*: cf. 325) found in the north of France is published together with 44 Roman coins from the same site (1st-4th century AD). (Johan van Heesch)

140 DUS, ROSELYNE. Un statère rarissime de Kalymna. *JEListeFPL* No. 106 (March 1988) pp. 2-3 illus.

The archaic staters of Calymna of the type *BMC*, p. 188, 1 and 2, are discussed. (Paul Naster)

141 FELSCH, RAINER C.S. and SIEWERT, PETER. Inschriften aus dem Heiligtum von Hyampolis bei Kalapodi. *AA* (1987) pp. 681-687.

Two inscriptions from the temple bank of the sanctuary of Artemis at Hyampolis permit conclusions to be drawn concerning the contemporary public economy. On a lead tablet, dating ca. 450-425 BC, is found the statement that 20 worn mina may

be counted at a monthly interest rate of 10 staters, which yields 12% annually. On a bronze band from the early 5th century is the statement that in this vessel may be contained 12 mina and 13 staters.
(Wolfgang Leschhorn)

142 FISCHER, THOMAS. Ein frühes seleukidisches Tetradrachmon in der Sammlung der Bochumer Universität. *Westfalia Numismatica 1988*. Edited by P. Berghaus and K. Marowsky. *Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, 1988) pp. 4-8 illus.

A critical and exhaustive description of the coin types Newell, ESM 300-302 and 413-427.
(Author)

143 FISCHER, THOMAS. Molon und seine Münzen (222-220 v.Chr.). *Kleine Hefte der Münzsammlung an der Ruhr-Universität Bochum*. No. 9 ((Bochum, Brockmeyer 1988) 31 pp. illus.

The recently discovered tetradrachm of Molon, usurper against Antiochus III, is presented in its historical and numismatic context. A monogram on the reverse is perhaps to be linked to the Kyrtioi, mentioned by Polybius V.52.5, i.e., the Kurds. The mint may be Susa.
(Author)

144 FORABOSCHI, DANIELE. Arsinoe seconda Filadelfo e la monetazione romana. *NumAntClas* Vol. 16 (1987) pp. 149-159 illus.

In honor of his wife/sister Arsinoë II, who died in 270 BC, Ptolemy II decided to strike a series of gold and silver coins, which depict on the obverse the veiled head of the deceased and on the reverse a double cornucopiae or a regal eagle. The author analyzes various aspects of this money, emphasizing the significance of the letters/numerals (from 1 to 50) which occur with regularity on the obverse. The author reaffirms the theory that such numbers indicate the successive issues and negates the earlier hypotheses which tend to interpret them as a reference to the dies or the years in the lifetime of Arsinoë. In the second part of the article, the author emphasizes instead the influence that this particular system of numbering had on the silver monetary series struck at Rome on the occasion of the First Punic War, in a period of peaceful political and cultural relations with Alexandrian Egypt.
(Andrea Carignani)

145 GARA, ALESSANDRA. Il significato economico della politica monetaria nell'Egitto ellenistico. *Stato Economia Lavoro nel Vicino Oriente antico* Seminario di Orientalistica antica. Istituto Gramsci Toscano. (Milan, Francoangeli 1988) pp. 128-137.

The author examines the papyrus *Cairo Zenone 59021*, dated 24 October 258 BC. While the market of metals (which also lacked local minerals) valued silver at a high rate with respect to gold; it is supposed in the political-economic sphere the opposite occurred, analogous with the western Mediterranean (e.g., Carthage, Sicily). Egypt may thus possibly have insured the high value of silver when the grain market was unable to compete.
(Sara Sorda)

146 GARA, ALESSANDRA. Limiti strutturali dell'economia monetaria

nell'Egitto tardo-tolémaico. Edited by B. Virgilio. *Studi Ellenistici I. Biblioteca di Studi Antichi*. Vol. 48 (Pisa, Giardini Editori e Stampatori 1984) pp. 107-134.

Examining ancient sources and documents, the author describes and analyzes the attempt of the Ptolemies to give to Egypt a strong and stable monetary economy. In a country which produced a great deal of gold, the author concentrates on the role of the silver and bronze issues. The politics of the last Ptolemies concentrated on the exclusive striking of silver tetradrachms and ended bankrupt. In the same period the country returned to a productive traditional system, bound to the natural economy.
(Andrea Carignani)

147 GARRAFFO, SALVATORE. Note sulla monetazione siracusana dal 344 al 318 a.C. *NumAntClas* Vol. 16 (1987) pp. 131-148 illus.

The author presents a silver coin struck in the Syracuse mint bearing on the obverse a laureate head of Zeus Eleutherios and on the reverse a bull turned to the left with the legend SYRAKOSION. On the basis of a typological analysis of the Syracusan issues of the second half of the 4th century BC, the author proposes a date in the post-Timoleon era and immediately preceding the return of Agathocles (320-318 BC).
(Andrea Carignani)

148 GLEW, DENNIS G. The Cappadocian Expedition of Nicomedes III Euergetes, King of Bithynia. *ANSMN* Vol. 32 (1987) pp. 23-55 illus.

A survey of the king's tetradrachms produced 210 specimens but none from the years corresponding to 104/3 and 103/2 BC. Statistically, the absence of coins from those years is 88% likely to be significant. It is proposed that inactivity at the Bithynian mint(s) is related to disorders in the kingdom attested at the beginning of 104 BC and that the breakdown of royal authority is the consequence of the failure of Nicomedes' invasion of Cappadocia. From the numismatic record it is argued that this invasion occurred in 105 BC, not 3 or 4 years later, as Th. Reinach and E. Meyer suggested.
(Author)

149 GOLENKO, V.K. Monetno-vesovye Sistemy Selevka I. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 45-46. In Russian.

150 GUZZETTA, GIUSEPPE. Brevi note sulla monetazione tarantina. *BollNum* Vol. 8 (1987) pp. 19-23.

The author gives a concise review of the principal phases of the coinage of Tarentum from the first incuse issues at the end of the 6th century to the final monetary types struck during the Second Punic War and the first years of the Roman conquest.
(Andrea Carignani)

151 GUZZETTA, GIUSEPPE. Il tesoretto di età classica da Montegranaro di Taranto (*IGCH* 1895). *BollNum* Vol. 8 (1987) pp. 45-72 illus.

The author publishes the first complete edition of the hoard of Montegranaro found

at Taranto in 1951, comprising 32 silver staters issued by the mints of Taranto, Laus, Metapontum, Sybaris, Caulonia and Croton. On the basis of the examination of the examples of each mint, the author proposes a deposit date between 430 and 425 BC.
(*Andrea Carignani*)

152 GUZZETTA, GIUSEPPE. Il tesoro monetale di Altamura (*IGCH* 1923). *BollNum* Vol. 8 (1987) pp. 73-143 illus.

The author publishes the entirety of the hoard found fortuitously at Altamura in 1961, comprising 172 silver staters from the principal mints of Magna Graecia (among them, Taranto, Metapontum, Thurii, Velia, Croton, Poseidonia, etc.). The hoard deposit may be dated ca. 340-335 BC and placed in relation to the great insecurity of the region due to the wartime relations between the Lucanian and Tarantine regions.
(*Andrea Carignani*)

153 HARTAL, M. Notes & News - Excavations - Khirbet Zemel, 1985-1986. *IEJ* Vol. 37 No. 4 (1987) pp. 270-272.

Coin finds at this north Golan site include bronze issues of Antiochus III and IV and 2 Tyrian silver tetradrachms, one of Alexander I Balas and the other of Demetrius II, both are dated 146/5 BC.
(*Arnold Spaer*)

154 HEBERT, RAYMOND J. Ten Greek Tidbits. *SAV* Vol. 17 No. 3 (June 1988) pp. 57-59 illus.

The author discusses: 6 trihemioibols of Selge in Pisidia, with a facing Gorgon head on the obverse and helmeted Athena bust on the reverse; one tiny piece attributed to the dynasts of Lycia; a hemiobol of the city of Tarsus and a hemiobol of the city of Mallus (both in Cilicia under different Persian satraps); an obol of uncertain origin with an Aramaic, instead of Greek, legend.
(*Vic Kozik*)

155 ILIESCU, OCTAVIAN. Precizări cu privire la rezultatele unor cercetări de numismatică geto-dacică [Specifications About the Results of Some Geto-Dacian Numismatic Research]. *SCIVA* Vol. 38 No. 3 (1987) pp. 259-275. French summary.

The author discusses once again some problems concerning Geto-Dacian numismatic iconography, chronology and metrology.
(*Constantin Preda*)

156 IUGA, GEORGETA. O monedă histriană descoperită la Oarța de Sus, jud. Maramureș [A Histrian Coin Discovered at Oarța de Sus, Maramureș County]. *SCIVA* Vol. 38 No. 3 (1987) pp. 296-297 illus. French summary.

During archaeological excavations from 1985 in the ancient settlement from "Măgura" hill a Greek bronze coin minted by Histria was discovered. The coin is the type with Apollo on the obverse, with 2 countermarks: one with the head of Hermes and the other with the head of Helios.
(*Constantin Preda*)

157 KARYSHKOVSKIĬ, P.O. Novye Klady Ol'višskikh "Borisfenov."

Vtoraiia Numizmaticheskaiia Konferentsiia 1987. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 42-43. In Russian.

158 KARYSHKOVSKIĬ, P.O. Tirasskie Drakhmy Ėrmitazha i Serebrianye Ėmissii Tiry. *Novoe v Sovetskoiĭ Numizmatike i Numizmaticheskome muzeevedenii. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoiĭ Konferentsii.* 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 10-11. In Russian.

159 KINDLER, A. *The Coins of the City of Gaba.* Geva - Archaeological Discoveries at Tell Abu-Shusha, Mishmar Ha'Emeq. Edited by B. Mazar. (Jerusalem, 1988) 232 pp. illus. In Hebrew.

Pp. 43-67 of this book contain an illustrated catalogue of the coins of Gaba which cover the period from 37/36 BC to AD 218/9 and are dated by the Pompeian era. The site of the town has not been definitely identified. The *BMC Catalogue* places it in Iturea; however, the author proposes a site about 25 km northeast of Caesarea Maritima, basing himself on the frequent finds of coins of Gaba in the area.

(Arnold Spaer)

160 LESCHHORN, WOLFGANG. Zur rhodischen Münzprägung im 2. Jh. v.Chr. Ein Schatzfund rhodischer Hemidrachmen aus Syrien. *JNG* Vol. 35 (1985, publ. 1987) pp. 7-20 illus.

A hoard of 64 Rhodian plinthophoric hemidrachms from north Syria contained several pieces with unpublished officials' names and marks. The die linkage and the arrangement of the marks involved different series in the entire plinthophoric hemidrachm coinage. The hoard exhibits the economic relationship between Rhodes and the Seleucid empire in the second half of the 2nd century BC.

(Author)

161 MAC DOWALL, D.W. Coin Finds - Excavations at Kandahar, 1975. *Afghan Studies* Vol. 1 (London, Society for Afghan Studies 1978) pp. 41-66.

On pp. 50-51 and plate IV of this interim report by A. McNicoll the pre-Islamic coins found are briefly described and illustrated. The coins date to the Seleucids and their successors in the area.

(Arnold Spaer)

162 MASTELLONI, MARIA A. Soprintendenza Archeologica della Calabria, Annotazioni su alcuni falsi. *BollNum* Vol. 8 (1987) pp. 177-179.

The author publishes 2 forged incuse coins of the goddess with a man-headed bull series on the obverse in the Monetiere of the Museo Nazionale della Magna Grecia in Reggio Calabria.

(Andrea Carignani)

163 MATELLI, ELISABETTA. La spedizione indiana di Seleuco I e la sua propaganda. *NumAntClas* Vol. 16 (1987) pp. 131-148 illus.

The monetary issues of Seleucus I were clearly instrumental in the research concerning the background of the wars between the Diadochi. In this regard the coinage

of Seleucia on the Tigris may be understood as a celebration of the alleged and increased successes of the Indian campaign of the sovereign (303-302 BC), obvious propagandistic reference to the expedition of Alexander by which Seleucus proposes, by means of monetary iconography, that he is the legitimate successor.

(*Andrea Carignani*)

164 MITREA, B., BUZDUGAN, C. and APOSTOL, V. Date noi referitoare la tezaurul de la Fedestî, jud. Vaslui [New Data Concerning the Hoard from Fedestî, Vaslui County]. *Acta Moldaviae Meridionalis* Vol. 5-6 (1983-1984) pp. 149-153 illus. French summary.

The authors verified in 1984 by archaeological excavations the place of the hoard discovery from 1981, where 73 additional Histrian coins have appeared. The hoard has now 241 bronze coins from the same type with Apollo on the obverse and the eagle and the dolphin on the reverse. All the coins date from the last quarter of the 4th century BC.

(*Constantin Preda*)

165 MITREA, BUCUR. Tezaurul de monede getice de la Olteni, Teleorman [The Getic Coin Hoard from Olteni, Teleorman County]. *Thraco-Dacica* Vol. 8 (1987) pp. 162-170 illus. French summary.

In the Olteni village area (Walachia) in 1966 a coin hoard of 49 pieces was discovered. Four are tetradrachms from Thasos. The other 45 are Geto-Dacian: Adîncata (1 silver) and Vîrteju (44 silver) types. For the emission of the last type, 10 punches for the obverse and 30 for the reverse were used.

(*Constantin Preda*)

166 MØRKHOLM, OTTO. Cyprus hoard, 1982 *NC* Vol. 147 (1987) pp. 156-158 illus.

A hoard of 27 Ptolemaic silver coins minted in Alexandria, Phoenicia and Cyprus appeared in 1982 and was acquired by The Department of Coins and Medals, Copenhagen. It included coins of Ptolemy I/II, II, IV/V, V and VI. The date of burial was ca. 170-168 BC.

(*Jan Zahle*)

167 MØRKHOLM, OTTO. The Date of the Autonomous Tetradrachms of Aegeae in Cilicia. *ANSMN* Vol. 32 (1987) pp. 57-60 illus.

The autonomous tetradrachms of Aegeae are discussed with regard to legend, weight, monogram and style. Contrary to the recent dating by H. Bloesch (*Essays Thompson* [1979] pp. 1-7, and *ANSMN* Vol. 27 [1982] pp. 78-79), they should date in the third quarter of the 1st century BC.

(*Annelis Mørkholm*)

168 MÜSELER, WILHELM. Unpublizierte babylonische Münze aus der Zeit Alexanders des Grossen. *NNb* Vol. 37 (1988) p. 72 illus.

A partial piece, belonging to the double-daric series of the satraps of Alexander in Babylon, depicting a half figure of the Great King on the obverse and a circular incuse of the reverse, was struck between 328 and 316 BC in Babylon.

(*Wolfgang Leschhorn*)

169 NENCI, G. and VALLET, G. *Bibliografia Topografica della colonizzazione greca in Italia e nelle isole tirreniche*. (Pisa-Rome-Naples, Scuola Normale Superiore, Ecole Française de Rome, Centre J. Bérard 1978-1987).

Vol. I-II, Opere di carattere generale (1573-1980); Vol. III-V, Siti (Abaceno-Crotone). Part of this work is a selection of references to studies on coinage, numismatics and economics. (Sara Sorda)

170 NOLLÉ, JOHANNES. Epigraphische und numismatische Notizen, 3. Kaiser Caracalla schickt sein Bildnis nach Side und Tarsos. *Epigraphica Anatolica* Vol. 10 (1987) pp. 104-105 illus.

The author discusses the coinage of the city-states of Side and Tarsos under the Emperor Caracalla, which depict on the reverse the solemn introduction of the official imperial portraits in the city. (Wolfgang Leschhorn)

171 NOLLÉ, J. Pamphyliche Studien 6-10. *Chiron* Vol. 17 (1987) pp. 235-276 illus.

In these 5 contributions on Pamphylian history and topography different Imperial coins of Pamphylian and Cilician cities are discussed: p. 244. the depiction of the gods on the coinage of Carallia; p. 252. Perga coinage with a money box and 3 purses suggest the position of the Imperial treasury; p. 254. the coinage of Side provides evidence for Olympia in Side; p. 256. coin issues of Perga under Tacitus; p. 260. coinage of Side with depictions of boats and harbors and their historical meaning. (Author)

172 OËCONOMIDES, MANDO. Les "Wappenmünzen" de la collection Grégoire Empédoclès. *NumAntClas* Vol. 16 (1987) pp. 25-28 illus.

The author publishes 12 examples with owl, horse protome, wheel or gorgoneion on the obverse and an incuse quadrant on the reverse (wappenmunzen), from the G. Empedocles collection in the Numismatic Museum in Athens. (Andrea Carignani)

173 PARISE, NICOLA F. Fra Assiri e Greci. Dall'argento di Ishtar alla moneta. *DialArch* Series III, V, No. 2 (1987) pp. 37-39.

Several remarks on the origin of coinage in antiquity are published. The author reaffirms the clear distinction between the ingot and coined metal, the "name of value," but not a sign of value, in use among the Assyrians, Babylonians and Persians, and that guarantee of the mark and that obligation of acceptance which among the Greeks potentially asserted coinage as "the measure of all things." (Andrea Carignani)

174 PAZ GARCIA-BELLIDO, M. Del origen de la Moneda. *Zephyrus*. Vols. 37-38 (1984-85) pp. 397-409.

Based on a revision of the studies on the origin of coinage, the author concludes that the origin did not occur due to one factor, but to a great many socio-economic necessities. (Leandre Villaronga)

175 PERA, ROSSELLA. Omaggio a Commodo su una moneta di Apamea di Bitinia. *NumAntClas* Vol. 16 (1987) pp. 251-264 illus.

The author presents a coin struck in the mint of Apamea of Bithynia, which depicts on the obverse the portrait of Commodus and on the reverse a male figure (*Genius coloniae* or *Genius Augusti*) who crowns the sacrificing emperor and the legend **GENIO P TIMOCOMMO D OPF AVGCICA D D**. On the basis of this numismatic evidence, dating between AD 185 and AD 191, a reflection of the theocratic program of the emperor may be understood, in which the eastern provinces were not sensitive to the culture and the tradition.
(*Andrea Carignani*)

176 ROUSSÉVA, BORIJANA. Deux trésors de monnaies hellénistiques de Malak Porovec, département de Razgrad (*IGCH* 854 and *IGCH* 835). *Numismatica* Vol. 21 No. 3 (1987) pp. 3-11 illus. In Bulgarian; Summary in French.

The study concerns 2 lots of coins, found near a Thracian fortress in the environs of the village Malak Porovec, district Razgrad. The first lot, "Malak Porovec 57," *IGCH* 835, the Museum of Roussé bought. There were 6 coins in all: 2 tetradrachms and 4 drachms of posthumous Alexander III. All the coins were worn. The latest is the tetradrachm of Tyrus, struck under Demetrius Poliorcetes, ca. 301-290 BC. The second lot "Malak Porovec 63," *IGCH* 854, the Museum of Razgrad acquired. It contained 7 coins: 3 tetradrachms of posthumous Alexander III, 1 pseudo-Alexander, 1 tetradrachm of Pergamon with the name of Seleucus (WSM 1532), 3 drachms of posthumous Alexander III (Abydus, Ephesus and Side) and 1 bronze of Cassander, struck at Philippi (Ehrhard, pp. 26-27). Among these coins of Roussé figure a barbarous imitation, the prototype of which is an emission of Aradus, struck ca. 319 BC. It is possible, as certain authors theorize, that the region of Razgrad had been one of the centers of imitative local coinage of the Macedonian coinage. In antiquity this region belonged to the Getae. By the ports of the Black Sea (Callatis and Odessos) they were in contact (trade and military) with the cities and kings of the eastern Mediterranean.
(*Jordanka Youroukova*)

177 ROUSSÉVA, BORIJANA. Neuf tétradrachmes d'Alexandre III, partie d'un trésor monétaire. *Numismatica* Vol. 21 No. 4 (1987) pp. 21-25 illus. French summary.

The author studies 9 tetradrachms with the type of Alexander the Great, which is part of a hoard from northeast Thrace in the numismatic collection of the National Archaeological Museum. The latest coin of this small hoard, struck in Laodicea ad Mare, bears the name of Seleucus I. This tetradrachm is identical to WSM, no. 1212, struck with the same dies as WSM, pl. 40, no. 3. The date of this posthumous tetradrachm of Seleucus I, dated ca. 280-270 BC, provides the date of deposit of this small hoard. The popularity of the silver coins with the Alexander the Great type at the end of the 4th century-first half of the 3rd century BC in northeast Thrace is manifested once again.
(*Jordanka Youroukova*)

178 SALLERY, ROBERT D.H. Some preliminary observations on the 'Leontini' hoard. *SCMB* No. 825 (Nov. 1987) pp. 308-311 illus.; No. 826 (Dec. 1987) pp. 340-342.

179 SCHMITZ, WINFRIED. Händler, Bürger und Soldaten. Die Bedeutung von Münzgewichtsveränderungen in der griechischen Poliswelt im 5. und 4. Jahrhundert v.Chr. *Münstersche Beiträge zur antiken Handelsgeschichte* Vol. 5 No. 2 (1986) pp. 59-87.

The author criticizes the thesis that a city-state changes its coin standard primarily from considerations of trade policies and discusses possibilities to explain the changes of the monetary standard through traditional bonds, financial crises and military events.
(Wolfgang Leschhorn)

180 SCHÖNERT-GEISS, EDITH. Die Münzprägung von Maroneia (Griechisches Münzwerk). *Schriften zur Geschichte und Kultur der Antike* Vol. 26 in 2 volumes. (Berlin, 1987) illus.

The coinage of Maroneia from the 6th century BC to the 3rd century AD is treated. The coinage of this Thracian city is divided into 11 periods. Problems of dating, metrology and circulation are discussed.
(Author)

181 SFAMENI, GASPARRO. Giulia, Iside-Dikaiosyne in una serie monetale bronzea di Catania: un aspetto nuovo dell'iconografia isiaca. *Studi e materiali di storia delle religioni* Vol. 52, new series X, 2 (L'Aquila-Rome, Japadre 1986) pp. 189-211 illus.

The author discusses the female figure with balance and cornucopiae depicted on the reverse of a bronze series of Catana—the representation of Isis-Dikaiosyne. This iconographical design, formed in the Alexandrine orbit in the course of the 1st century BC, then became an image in a rich sequence of literary and epigraphical works. The Catanian coinage constitutes a unique proof in the illustrated documentation.
(Andrea Carignani)

182 STAFFIERI, GIOVANNI MARIA. La monetazione di Olba e di Diocaesarea in Cilicia, Addenda e Corrigenda I. *NumAntClas* Vol. 16 (1987) pp. 229-249 illus.

The author publishes several points, additions and corrections to the corpora of the coinages struck in 2 Cilician cities—Olba and Diocaesarea—previously published in 2 studies. In the present article, by means of a bibliographical integration, the coinage is arranged chronologically between the end of the 1st century BC and the mid-3rd century AD.
(Andrea Carignani)

183 STAHL, Z. *HaMatbe'ot Be'Eretz Yisrael Betkufa HaHellenistit* [The Coins in the Land of Israel in the Hellenistic Period]. (Tel-Aviv, Liderman Publications 1987) 94 pp. illus. In Hebrew.

A popular outline of the hellenistic coinage circulating in Palestine is given.
(Arnold Spaer)

184 STOITCHEVA-TEOKLIÈVA, EFTELPA. Trésor monétaire de "Bratanovata Pechtera" près de Malko Tirnovo. *Numismatica* Vol. 21 No. 3 (1987) pp. 13-15 illus. French summary.

The author discusses a small hoard of 8 bronze coins: 5 with the type and legend of Philip II and 3 with the type and legend of Alexander III. The hoard was discovered during archaeological excavations in the cave "Bratanova Pechtera" (near the Bulgarian city Malko Tirmovo, within the confines of the Strandja mountains).

(Jordanka Youroukova)

185 TEODOR, SILVIA. Cu privire la relațiile dintre geții est-carpatici și lumea greco-macedoneană [About the Relations Between the East Carpathian Getes and the Greek-Macedonian World]. *Acta Moldaviae Meridionalis, Vaslui* Vol. 5-6 (1983-1984) pp. 155-168. English summary.

The author studies the relations between these two areas, based on the archaeological and numismatic discoveries from East Romania. The catalogue contains all Greek and Macedonian coins from the 4th to the 1st century BC, discovered in the region.

(Constantin Preda)

186 TEODOR, SILVIA, NICU, M. and TAU, STELA. Tezaurul de monede callatiene descoperit la Poiana, jud. Galați [The Callatian Coin Hoard Discovered at Poiana, Galați County]. *Thrace-Dacia* Vol. 8 (1987) pp. 133-138 illus. French summary.

During excavations in 1985 in the Geto-Dacian fortress of Poiana on the Siret River (Southern Moldavia), a coin hoard of 32 bronze coins was discovered. Issued from Callatis, the coins are from the type Pick, 227-231, with the Apollo head on the obverse and with tripod and legend on the reverse, dating to the 2nd century BC. Some pieces have countermarks; other have traces of gilding.

(Constantin Preda)

187 TONDO, LUIGI. La scoperta della monetazione di Iasos negli studi numismatici. *BA Suppl.* No. 31/32 (1985) or *Studi su Iasos di Caria*. pp. 163-169 illus.

The existence of a mint at Iasos was already confirmed at the end of the Renaissance in the writings of the Spaniard Antonio Agostini and his translator Ottaviano Sada. The coinage of this mint was also present in Italian collections. The literature of the 1700s is abundantly cited, including the results of this critical review.

(Sara Sorda)

188 WHITE, D. Excavation in the Demeter Sanctuary at Cyrene. First preliminary report, 1969. *Libya Ant* Vol. 8 (1971) pp. 85-104.

On p. 95 the author discusses 1 silver hemiobol of Cyrene, ca. 525-480 BC, and 1 bronze of Ptolemy Apion, ca. 114-96 BC, found on the fourth terrace.

(Pierre Salama)

189 WHITE, D. Excavations in the Demeter Sanctuary at Cyrene. Second preliminary report, 1971. *Libya Ant* Vol. 10 (1972-1973) pp. 171-195.

On p. 173 the author discusses 2 bronzes of the 3rd century BC and 1 bronze of Ptolemy Apion.

(Pierre Salama)

190 WHITE, D. Excavations in the Demeter Sanctuary at Cyrene. Third preliminary report. *Libya Ant* Vol. 8 (1971) pp. 197-219.

The author discusses on p. 200 one sestertius of Trebonius Gallus, found on the third terrace, and 4 gold coins of Cyrene of 4th century BC and 1 bronze of Ptolemy X (117-111 BC), found in Building E 11/12. (Pierre Salama)

191 ZAHLE, JAN. Mønter, myter og Mopsos [Coins, Myths and Mopsus]. *Nationalmuseets Arbejdsmark* 1987. (Copenhagen, 1987) pp. 115-125; English summary, pp. 125-126 illus.

The author deals with the representations of the local hero Mopsus on the coins of Aspendus in Pamphylia from the 5th-4th centuries BC. (Ulla Westermarck)

192 ZERVOS, O.H. Corinth, 1987: South of Temple E and East of the Theater. Appendix. Coins. *Hesperia* Vol. 57 No. 2 (1988) pp. 132-146 illus.

This article reports on 179 coins, mostly bronze, recovered from Corinth during the 1987 season. They include issues of Corinth, Sicyon, Antioch-on-the Orontes, Antigonos Gonatas, as well as Roman, Byzantine, Frankish, Venetian and Turkish coins. (Author)

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 33, 44, 45, 46, 76.

Celtic, No. 194.

Roman, Nos. 264, 286, 301, 331.

CELTIC

193 ALFARO ASINS, C. Monedas de la Celtiberia en el Museo Arqueológico Nacional. *GacNum* Vols. 86-87 (1987) pp. 65-88 illus.

160 coins are catalogued and illustrated.

(Leandre Villaronga)

194 BAR, MARC. Les modalités de l'influence de l'hellénisme sur les monnaies gallo-belges du temps de César (quatrième et dernière partie). *CENB* Vol. 24 No. 4 (Oct.-Dec. 1987) pp. 81-90 illus.

The coins with the legend **ROVECA** offer the opportunity to discuss several points of the history of some Gallo-Belgian coin emissions, with some Greek influence, in the years ca. 50-30 BC. Cf. *NZ* 118-86 and *NZ* 119-188. (Paul Naster)

195 BONE, ANNE and BURNETT, ANDREW. The 1986 Selsey Treasure Trove. *BNJ* Vol. 56 (1986) pp. 178-180 illus.

A hoard of 4 gold and 13 silver Celtic coins from Selsey, West Sussex, probably

deposited at around the time of the Roman invasion, AD 43, is discussed. Included are issues of Commius, Eppillus, Verica, Epaticcus and Caratacus.

(Edward Besly)

196 DEHN, ROLF. Tarodunum und KegelriB. Neues zur Spätlateinezeit im Breisgau. *Denkmalpflege in Baden-Württemberg* Vol. 17 (Stuttgart, 1988) pp. 94-97 illus.

Since 1982 excavations have been conducted on a late La Tène settlement at "KegelriB" near Ehrenkirchen, south of Freiburg im Breisgau. Among the finds are over 70 stray coins, mostly potin, of the Sequani ("Sequaner A"). There are also potin coins of the Remi and Leuci, and some "Kaletedu"-type silver quinarii.

(Lawrence Okamura)

197 DOYEN, JEAN-MARC. *Catalogue des monnaies antiques. Monnaies du monde celtique et des cités grecques.* (Charleville-Mézières, Musées de Charleville-Mézières, Musée de l'Ardenne 1987) 85 pp. illus.

This catalogue is the detailed museum catalogue of the 56 Celtic coins with an inventory of the Celtic coins discovered in the Département Ardennes (France), and 92 coins of Greek cities and kingdoms up to the Kushans and Maurya.

(Paul Naster)

198 DOYEN, JEAN-MARC, with the collaboration of J.-P. LEMANT, J. PIETTE, F. MATHIEU and B. SQUEVIN. Les subdivisions "aux segments de cercles" du type BN 8030: état de la question. *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu.* (Paris, Le Léopard d'Or 1987) pp. 315-330 illus.

This article is a study of the typological and geographical diffusion of a group of small Celtic coins struck in different alloys (type SCHEERS 152). The 124 items examined can be divided into 19 classes, of which several are unpublished, and which may be attributed to the Atuatuaci, Remi, Nervii, Senones and Suessiones.

(Author)

199 GARCIA GARRIDO, M. and VILLARONGA, L. Las monedas de la Celtiberia. *GacNum* Vols. 86-87 (1987) pp. 35-63 illus.

The arrangement and the chronology based on the typological and metrological study of the Celtiberian coinage are published.

(Leandre Villaronga)

200 GRAFF, YVAN, LENOIR, P. and WARNIMONT, J. La circulation des monnaies en bronze dites "gauloises" dans le "vicus" routier gallo-romain de Liberchies (Bons-Villers, Belgique). *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu.* (Paris, Le Léopard d'Or 1987) pp. 429-438.

The authors summarize the importance of the different bronze coins found at the Gallo-Roman vicus of Liberchies (Hainault, Belgium).

(Simone Scheers)

201 KLÜSSENDORF, NIKLOT. Zum Fund eines Regenbogenschüsselchens auf dem "Goldberg" zu Amöneburg-Mardorf, Kreis Marburg-Biedenkopf, im Jahre 1784. *GN* Vol. 23 No. 123 (1988) pp. 5-9 illus.

A Celtic gold stater (most likely FORRER, No. 396/398, 399) was discovered at a place called "Goldberg" in Mardorf (Upper Hesse) in 1784. Due to a decree of the Elector of Mayence the coin was examined by government officials. It is probable that the coin belonged to the famous hoard of Celtic gold coins found exactly in the same field (1880). A general methodical approach to the name of the field "Goldberg" is given, which was mentioned as early as 1288. Pieces of land where coins had been found were often named with allusions to the discoveries using words composed of terms like "gold," "hoard," or popular coin names. (Author)

202 LOPEZ SANCHEZ, P. Las monedas de la Celtiberia del "Gabinet Numismàtic de Catalunya." *GacNum* Vol. 86-87 (1987) pp. 89-98 illus.

338 coins are catalogued, only partially illustrated. (Leandre Villaronga)

203 NASH, DAPHNE. *Coinage in the Celtic World*. (London, 1987) 153 pp. illus.

204 NOLLOMONT, LUC. Le cheval des Gaulois. *Vie num* Vol. 38 (April-May 1988) pp. 120-126 illus.

The author presents some information on Celtic horses, chariots and the small leaden wheels, possibly used as offerings. (Johan van Heesch)

205 NOLLOMONT, LUC. Protohistoire: société et monnayage. *Vie num* Vol. 37 (1987) pp. 291-311 illus.

The archaeological and historical background in Belgica and northern Gaul is outlined for the time period when indigenous and Roman coinages were introduced. (Paul Naster)

206 OSTALE, M. Numismática en la Celtiberia. *GacNum* Vols. 86-87 (1987) pp. 121-137 illus.

A group of coins of Sekaisa, illustrating the beautiful pieces, is put into order by the author. (Leandre Villaronga)

207 SELLWOOD, LYN and METCALF, DAVID MICHAEL. A Celtic silver coin of previously unpublished type from St. Nicholas at Wade, Thanet: the prototype for Anglo-Saxon sceattas of *BMC* Type 37 ? *BNJ* Vol. 56 (1986) pp. 182-183 illus.

A silver coin with obv., two facing heads, and rev., horse left, is related to Mack 279 and 286 and is no doubt Kentish in origin. The close similarity of the obverse type, which is very unusual, to the 8th century sceatta type, *BMC* 37, may be explained by the accidental finding of a specimen of the Celtic coin in the 8th century and its choice as a model for an Anglo-Saxon coin. Other instances of such copying

are mentioned. The two facing heads occur again at the mint of Savonnières in north-western France. The authors suggest that the French coin may have been copied from Type 37 (which is known to have reached the continent in some numbers) rather than vice versa. (Authors)

208 SELLWOOD, LYN and MAYS, MELINDA. Coins. In B. Cunliffe. *Hengistbury Head, Dorset, Vol. I. The Prehistoric and Roman Settlement 3500 BC - AD 500*. Oxford University Committee for Archaeology Monograph No. 13 (1987) pp. 136-141 illus. and microfiche.

The authors list and discuss continental and British Celtic coins found during recent and earlier excavations. A list of Roman coins is provided by D. Darwish and J.W. Taylor. (Edward Besly)

209 VANNACCI LUNAZZI, GLORIA. Ancora una tomba con dramma padano da Garlasco. *Sibrium* Vol. 18. (Varese, Centro di studi preistorici ed archeologici - Musei Civici de Villa Mirabello 1985-86) pp. 115-119 illus.

The author discusses the find of a trench tomb near Varese (Lombardy), attributed to the beginning of the 2nd century BC. Among the burial offerings were a drachm from the Po Valley with the head of Diana on the obverse and a stylized lion on the reverse and a sestertius with the head of the goddess Roma on the obverse and the Dioscuri on horseback on the reverse (187-175 BC). (Andrea Carignani)

210 VILLARONGA, L. Ordenación y cronología de los denarios de la Celtiberia. *GacNum* Vols. 86-87 (1987) pp. 9-22.

The greatest amount of Iberian denarii is dated before 100/98 BC, although the volume of the issues of Bolskan is not so great as previously supposed. In the period of the Sertorian wars, 80-72 BC, were struck denarii of Bolskan of the type of Palenzuela, the majority of them of Turiasu and of Sekobirikes. (Author)

For additional references to Celtic numismatics, see the following abstracts:

Technology and Methodology No. 98

Greek No. 137

Roman Nos. 286, 310, 319

PUNIC

211 Archaeological News. *Libya Ant* Vol. 8 (1971) p. 149.

Carthaginian and Neopunic coins, found in a Neopunic tomb at Tarhuna, are discussed. (Pierre Salama)

212 GIRARD, S. Banasa préromaine. Un état de la question. *AntiqAfr* Vol. 20 (1984) pp. 11-93.

On p. 68 the author discusses coins found in the excavation of this ancient city of Morocco: 3 Numidian coins of the type with a bearded head/a horse at a gallop. The establishment of Banasa dates to the 4th century BC. (Pierre Salama)

213 MANFREDI, LORENZA ILIA. Le monete rinvenute nelle campagne del 1984 e del 1986. *RStudFenici* Vol. 15 No. 1 (1987) pp. 95-98 illus.

The author discusses 6 Punic coins and 3 Roman coins of the 4th-3rd centuries BC, found in 2 campaigns conducted in the *tofet* of Thasos in 1984 and 1986. (A. Carignani)

214 PAZ GARCIA-BELLIDO, M. Leyendas e imágenes púnicas en las monedas "Libiofenicos." *Veleia* Vol. 2-3 (Vitoria 1987) (Studia Palaeohispanica, Actas del IV Coloquio sobre Lenguas y Culturas Paleohispánicas) pp. 499-519 illus.

The author analyzes some legends of "Libyan-Phoenician" coins and studies the iconography which corresponds to a Semite town related to the Punic-African world by an aberrant process in its script. (Leandro Villaronga)

215 VOISIN, J.-L. Le triomphe africain de 46 et l'idéologie césarienne. *AntiqAfr* Vol. 19 (1983) pp. 7-33.

The symbol of the elephant on Punic and Numidian coins is discussed on pp. 32-33. (Pierre Salama)

For additional references to Punic numismatics, see the following abstracts:

Roman, No. 258.

ETRUSCAN

216 GRANT, MICHAEL. *The Etruscans*. (New York, Charles Scribner's Sons 1980) 317 pp. illus.

Small bits of information concerning Etruscan coinage which elucidate the more general economic situation are scattered throughout the book. Particular attention should be paid to the author's footnotes, pp. 287-289. (Candace Carter)

For additional references to Etruscan numismatics, see the following abstract:

Western and Central Europe, No. 527

IBERIAN

217 BARRANTES LOPEZ, C. and PANIAGUA BERROCAL, S. Monedas del jinete ibérico en el Museo Arqueológico Provincial de Cáceres. *GacNum* Vol. 86-87 (1987) pp. 107-119.

A group of 81 coins is published. (Leandre Villaronga)

218 BLANCO GARCIA, J.F. Moneda celtibérica y cronología en Cauca (Coca). *GacNum* Vols. 86-87 (1987) pp. 99-102.

Among the 30 coins found, 10 are Celtiberian. (Leandre Villaronga)

219 FERNANDEZ RODRIGUEZ, M. and LOPEZ FERNANDEZ, F.J. Monedas ibéricas procedentes de los fondos del Museo de Ciudad Real. *GacNum* Vol. 88 (1988) pp. 23-32 illus.

A list of 10 coins is published. (Leandre Villaronga)

220 GARCIA GARRIDO, M. Símbolo inédito en la ceca de Lauro. *Cercle* No. 1 (Sección Numismàtica del Cercle Filatèlic i Numismàtic de Barcelona, Dec. 1987) pp. 20-21 illus.

The symbol of the laurel wreath in front of the neck of the figure on the obverse is discussed. (Leandre Villaronga)

221 HILDEBRANDT, H.J. Das Bronzegeld der iberischen Halbinsel im 2. und 1. Jh. v.Chr. *Pyrenae* Vol. 21 (1985) pp. 97-103.

The author studies metrologically the bronze coins found in 6 sites on the Iberian peninsula, thus arriving at chronological conclusions. (Leandre Villaronga)

222 PELLICER I BRU, J. Comentarios teóricos a la metrologia de la Península Ibérica. *GacNum* Vol. 86-87 (1987) pp. 23-24.

The weights used are two: (1) from the coast and (2) from the northeast. Their parameters equal 15 and 18 Roman ounces, respectively. (Leandre Villaronga)

223 SAENZ DE BURRUAGA BLAZQUEZ, J.A. and SAENZ DE URTURI RODRIGUEZ, F. Nuevos tipos monetales localizados en Alava. *Estudios e Arqueologia Alavesa* Vol. 13 (Vitoria, 1986) pp. 239-271.

The authors analyze 44 Iberian, Hispano-Roman and Roman coins, from the finds in the province of Alava. (Leandre Villaronga)

224 SAN VICENTE, J.I. Las monedas con leyendas Ibéricas del Museo Provincial de Bellas Artes de Alava. *GacNum* Vol. 86-87 (1987) pp. 103-106.

Fifty-one coins are catalogued. (Leandre Villaronga)

225 VILLARONGA, LEANDRE. *Las dracmas ibéricas de Kertekunte.* *NumAntClas* Vol. 16 (1987) pp. 161-166 illus.

The author publishes imitative drachms with the head of Arethusa on the obverse and Pegasus with the legend **K[e]RT[e]K[u]NT[e]** on the reverse, struck at the end of the 3rd century BC. On the basis of the geography of the finds, the author proposes to attribute these imitations to the workshop of the city of Tivissa, a center of noteworthy strategic importance on the Ebro River, in some way involved in the Iberian events of the Second Punic War. (Andrea Carignani)

226 VILLARONGA, L. *Les monedes massaliotes als tresors catalans anteriors a la segona guerra púnica.* *Cercle* No. 1 (Sección Numismàtica del Cercle Filatèlic i Numismàtic de Barcelona, Dec. 1987) pp. 16-19 illus.

A study of the presence of Massaliote coins in the Catalanian hoards of the 4th century BC is published. The coins demonstrate that the date of the fractional coins is earlier than the drachms—in the second half of the 4th century BC.

(Leandre Villaronga)

227 VILLARONGA, L. *Les oboles massaliètes à la roue et leurs imitations dans la Péninsule Ibérique.* *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu.* (Paris, Le Léopard d'Or 1987) pp. 769-779.

The author studies Iberian imitations of the Massaliote obols—22 coins, the majority of which were heretofore unpublished. (Author)

ROMAN

228 AKAT, YÜCEL. *Treasure of İncilipinar.* Archaeology and Art Publications. Series of Catalogues of Coins, Medallions and Seals. I. (Istanbul, Neziha Başgelen 1986) 94 pp. illus.

The author presents 220 Roman coins, found in İncilipinar in Turkey. Some of them are quite rare. (Ömer Diler)

229 ANDREAU, JEAN. *Histoire des métiers bancaires et evolution économique.* *Opus* Vol. 3 No. 1 (Florence, all'insegna del giglio 1984) pp. 99-114.

It is difficult to evaluate with a quantitative profile the history of private finance and of banks in antiquity, the author attempts to reconstruct on a large scale the nature of the deposits and interest as well as the overall monetary transactions, based primarily on the activity of the banks, in the conviction that they should be representative of the history of private finance, at least in the last centuries of the Republic and the first centuries of the Empire. (Sara Sorda)

230 ANDREAU, JEAN. *La vie financière dans le monde romain. Les métiers des manieurs d'argent (IV siècle av. J.C. - III siècle ap. J.C.).* *BEFAR* No. 265 (Rome, 1987) 795 pp. illus.

A work of full scope in which the author summarizes the results of 20 years of research on this subject. The author examines individually all the different professions (moneyers, collectors, etc.) which in various ways combine to form and invigorate the financial life of the Roman world and which in this study receive an accurate definition.
(Andrea Carignani)

231 AULOCK, HANS VON. Münzen und Städte Phrygiens, Teil II. *Istanbuler Mitteilungen* Vol. 27 (Tübingen, Wasmuth 1987) 145 pp. illus.

In the continuation of the volume *Münzen und Städte Phrygiens*, Teil I (1980), this second part, appearing posthumously, contains a general historical introduction and a corpus of the coinage of 9 Phrygian cities: Dionysopolis, Dorylaion, Grimenothyrai-Traianopolis, Kolossai, Lysias, Midaion, Prymnessos, Tiberiopolis, Traianopolis (1,513 coins in all). In an excursus the coinage of Gordian I and Gordian II in the East and the unrest of AD 238 are discussed.
(Wolfgang Leschhorn)

232 AVELLA DELGADO, L.C. Ausgrabungen in der Torre de Minerva. Die Münzfunden von 1979. *Madrides Mitteilungen der Deutschen Archäologischen Instituts* Vol. 26 (1985) pp. 122-124.

The author discusses the Roman coins found in the excavations by the tower of the Roman wall of Tarraco.
(Leandre Villaronga)

233 BALAGUER, A.M. Nuevos hallazgos y nueva evidencia numismática de la emisión barcelonesa de Máximo Tirano. *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu*. (Paris, Le Léopard 1987) pp. 33-44 illus.

An inventory of 37 siliquae and 7 bronzes of Maximus Tiranus is published. The author studies them in all aspects.
(Leandre Villaronga)

234 BALBI DE CARO, SILVANA. Roma 1880: monete d'oro dal Tevere. *Tevere: archeologia e commercio*. Edited by S. Balbi de Caro and C. Mocchegiani Carpano. Catalogo della Mostra. Roma 28 maggio 1987. Soprintendenza Archeologica di Roma. (Rome, Banco di Roma 1987) pp. 35-42 illus.

Seventy-nine gold coins of Honorius and Arcadius, (all with the exception of one) dating before 408, issued by the mints of Ravenna, Mediolanum and Rome, were found in 1880 during work on the banks of the Tevere. The iconography of the pieces, which confirm a presence of a single hoard, is discussed. The reverse reveals the victorious emperor in military garb with a standard in the right hand and Victory in the left hand, refuting the evidence of a propagandistic purpose.
(Andrea Carignani)

235 BASTIEN, PIERRE. Imitations of Roman bronze coins, A.D. 318-363. *ANSMN* 30 (1985) pp. 143-177 illus.

Research on the problems of imitations struck between 318, year of the silvered-bronze coinage reform of Constantine I, and 363, date of the death of Julian, are successively studied, including alloys, metrology, engravers, overstrikes, geography-chronology and etiology.
(Author)

236 BASTIEN, PIERRE. Le monnayage de l'atelier de Lyon, du règne de Jovien à la mort de Jovin (363-413). *Numismatique Romaine, Essais, Recherches et Documents*. XVI (Wetteren, 1987) 271 pp. illus.

This last volume on the Roman mint of Lyon is a historical, chronological, metrological and technical study, based on 2,418 specimens of gold, silver and copper, issued from Jovian to the death of Jovinus. One appendix is devoted to the imitations, another to the Lyon gold coinage of Constantine III (70 specimens): hoards, engravers, dies, and metrology. 931 coins are illustrated. (Author)

237 BASTIEN, PIERRE. Monnaie et donativa au Bas-Empire. *Numismatique Romaine, Essais, Recherches et Documents*. XVII (Wetteren, 1988) 140 pp. illus.

A study of donatives, distributed during the late empire and their relation with the coinage is published. A survey of donatives from the reign of Claudius II Gothicus in AD 268 to Romulus Augustus in AD 476 follows. The donatives of the *pars Orientis* since AD 395 are not included. (Author)

238 BASTIEN, PIERRE. Pseudo-épreuves d'aurei et essais dans le monnayage impérial romain. *Mélanges offerts au Dr. J.-B. Colbert de Beaulieu*. (Paris, Le Léopard d'Or 1987) pp. 77-87.

A refutation of the German thesis of Abschläge and Goldstempeln in Silber is published. The so-called proofs are merely base denarii. But in the Roman imperial coinage assays exist in silver, lead and bronze and the author proposes a classification of them. Other assays are coins purposely struck to be offered as gifts. (Author)

239 BASTIEN, PIERRE. Solidus inédit de Magnence de l'atelier d'Arles. *SM* Vol. 143 (1986) pp. 67-69.

A solidus struck at the beginning of the reign of Magnentius is discussed. The reverse is unique in the Roman coinage. With the legend *Victoria Aug* it shows two Victories holding a shield inscribing the letters *SRP*, probably the abbreviation of *Securitas Reipublicae*. (Author)

240 BENSEDDIK, N. and POTTER, T.-W. Fouilles du forum de Cherchel. Rapport préliminaire. *BullArchAlg* 4 Suppl. (1986) 39 pp. illus.

Concerning the salvage excavation, on p. 14 the authors describe 4 bronzes of the late empire (1 Constans II, Fel Temp; 1 Valentinian II, *Vot X Mult XX*; 1 Arcadius, *Salus Reipub*; and, 1 unknown Islamic coin). Concerning the excavation of the basilica in the forum, on pp. 33-35 the authors describe 37 bronzes (1 sestertius of the 2nd or 3rd century; 2 Constantine, *Gloria Exerc*; 1 Constantine, *Consecration*; 5 Constans II, *Fel Temp* and *Spes Reipub*; 1 Valentinian, *Securitas Reipub*; 5 Theodosius I, *Vot XX Mult XXX* and *Salus Reipub*; 1 Arcadius, *Salus Reipub*; 1 Valentinian, *III Vot Pub*; 20 illegible. (Pierre Salama)

241 BERCIU, D., MITREA, B. and IOSIFARU, M. Descoperiri și însemnări de la Buridava dacică [Discoveries and Notes from Dacian Buridava].

Thraco-Dacica Vol. 8 (1987) pp. 158-160 illus. French summary.

During the archaeological excavations at the Geto-Dacian fortress Buridava (Ocnița, Vâlcea County, Oltenia) a hoard of 16 Roman Republican denarii was discovered. The coins span the years 175-42 BC. (Constantin Preda)

242 BLAND, R.F., BURNETT, A.M. and BENDALL, S. The Mints of Pescennius Niger in the Light of Some New Aurei. *NC* Vol. 147 (1987) pp. 65-83 illus.

The authors catalogue 11 aurei of Pescennius known today and attribute them to the mints of Caesarea, Antioch and Alexandria on the basis of stylistic comparisons with the local silver of these mints. A catalogue of these provincial silver coins is provided, as is a critical review of the bronze coins of various Greek cities which have been attributed (mostly by the recent *von Aulock Index*) to Pescennius. (Authors)

243 BOJKOVA, BISTRA. Trésor de monnaies romaines du village Prof. Ishirkovo. *Numismatica* Vol. 21 No. 4 (1987) pp. 31-40 illus. In Bulgarian; Summary in French.

The author publishes a hoard of 104 denarii and antoniniani, found fortuitously near the village Prof. Ishirkovo in the district of Silistra. Since the latest examples may be dated to AD 247-249, the deposit occurred at the time of the Gothic invasions. (Jordanka Youroukova)

244 BORDI, MAURIZIO. Il Gallo ritrovato. L'antica monetazione di Ariminum. *Archeologia viva* (Florence, Arte e Natura, March 1987) pp. 65-73.

The author publishes a brief review of the coinage of Ariminum, with references to the latest theories concerning the chronology. (Sara Sorda)

245 BOWSHER, J.M.C. Trajanic Quadrantes from Arabia. *NC* Vol. 147 (1987) pp. 166-168 illus.

Five examples of a Trajanic quadrans have turned up in excavations in the Near East. Most were from southern Jordan; all, however, of different dies. Their occurrence here is unusual, as there were local small denominations in circulation. It is argued that they were carried there by the army during the annexation of the Nabataean kingdom as the new Provincia Arabia in AD 106. (Author)

246 BRABICH, B.M. Laodikejskiĭ Kistofor s Imenem Tsitserona iz Sobraniia Ėrmitazha. *Novoe v Sovetskoi' Numizmatike i Numizmaticheskoi' Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi' Konferentsii. 14-16 Oktjabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 11-12. In Russian.

247 BRICKSTOCK, R.J. *Copies of the Fel Temp Reparatio Coinage in Britain: a study of their chronology and archaeological significance including gazetteers of hoards and site finds*. BAR British Series, No. 176. (Oxford, 1987) 408 pp.

248 BURNETT, ANDREW. The changing face of Republican Numismatics. *JRS* Vol. 77 (1987) pp. 177-183.

A review-article which discusses the contributions of M.H. Crawford's *Roman Republican Coinage* (1974) and *Coinage and Money under the Roman Republic* (1985) is published. (Edward Besly)

249 BUTCHER, KEVIN. A new coin of Aelia Capitolina? An unusual coin of Antoninus Pius. *SCMB* No. 825 (Nov. 1987) pp. 303-305 illus.

An unrecorded small bronze with portraits of Antoninus Pius, Marcus Aurelius and Faustina II is discussed. (Edward Besly)

250 BUTNARIU, VIOREL. Monedele romane postaueliene carpatodunăreano-pontice (anii 275-491). I. Perioada 275-324. [Post-Aurelian Roman Coins in the Carpathian Danubian-Pontic Area (275-491). I. 275-324 Period.] *ArhMoldovei* Vol. 11 (1987) pp. 113-140. French summary.

The author undertakes a study of the Roman post-Aurelian monetary discoveries from the named territories. In the first part (AD 275-324) the author distinguishes 3 stages and examines the monetary discoveries on geographical zones. (Constantin Preda)

251 CACCAMO CALTABIANO, MARIA. La serie ΠΩΜΑΙΩΝ e la cronologia delle prime emissioni bronzee di Neapolis. *Rivista Storica dell'Antichità* Vol. 11 (1981) (Bologna, Patron 1982) pp. 33-52 illus.

Based on the analysis and the typological and stylistic comparison of the silver issues with the first bronze issues of the mint of Neapolis, the author establishes the chronology of the first 4 bronze series (367-338 B.C.) and that of the successive series with the legend ΠΩΜΑΙΩΝ. (Andrea Carignani)

252 CADENAT, P. Recherches à Tihert - Tagdempt, 1958-1959. *BullArchAlg* Vol. 7 (1977/1979) pp. 393-461.

The partial excavation of a Muslim city of the Middle Ages in western Algeria yielded coins at different levels (pp. 409-410). Only one Roman coin (dupondius of Trajan) was found. (Pierre Salama)

253 CAHN, H.A. Monete e medaglioni. *Il tesoro nascosto. Le argenterie imperiali de Kaiseraugst.* Catalogo della mostra. (Rome, A. Mondadori and De Luca 1987) pp. 172-179 illus.

The richest late antique hoard, discovered near Augusta Raurica (Switzerland) in 1962, contains, in addition to the silverware, 186 coins and medals struck in the mint of the city, which was a seat of the Imperial government. Altogether 11 coins refer to the Tetrarchic period (Diocletian), while the other 175 belong to the period of Constantine and his sons (330-349). (Andrea Carignani)

254 CARLTON, WALKER. The death of Tarpeia portrayed on a denarius

of L. Titurius L. f. Sabinus. *SAV* Vol. 17 No. 3 (June 1988) pp. 52, 61 illus.

The author discusses the story of Tarpeia. Tarpeia was the daughter of the warrior Tarpeius, who was protected early Rome against the Sabines. She betrayed Rome for one of the bracelets of the Sabine kings. *(Vic Kozik)*

255 CARLTON, WALKER. The Roman grain supply symbolized on coins of Augustus and Hadrian. *SAV* Vol. 17 No. 3 (June 1988) p. 62 illus.

The Roman grain supply was frequently depicted symbolically on coins of Augustus and Hadrian. In Republican Rome one of the duties of the aediles was the job of securing an adequate supply of grain for distribution to the people; under the Empire this responsibility was taken over by the emperors, at least symbolically. *(Vic Kozik)*

256 CARRADICE, I. and COWELL, M. The Minting of Roman Imperial Bronze Coins for Circulation in the East: Vespasian to Trajan. *NC* Vol. 147 (1987) pp. 26-50 illus.

Orichalcum issues attributed to eastern mints are considered. Using the evidence of metal analysis, together with an assessment of such factors as design, lettering, typology, die-axis, denominations and fabric, it is proposed that at least some of these issues were probably struck at Rome. *(Ian Carradice)*

257 CARSON, R.A.G. Coins. *Civilisation of the Ancient Mediterranean (Greece and Roman)*. Edited by Michael Grant and Rachel Kitzynger. (New York, Charles Schreiber's Sons 1988) pp. 1795-1832 illus.

A succinct review of the coinage of Greece and Rome from the inception of coinage in the 7th century BC to the close of the Roman Imperial coinage in the late 5th century AD is presented. 100 coins are illustrated. *(Author)*

258 CARTA, MICHELE, POHL, INGRID, and ZEVI, FAUSTO. Ostia (Roma). 1.) La Taberna dell'Invidioso; 2.) Piazzale delle Corporazioni, portico ovest: saggi sotto i mosaici. *NSc Suppl.* Vol. 32 (1978) (Rome, Accademia Nazionale dei Lincei 1987) pp. 1-164 and in part pp. 13-14 and 50-51.

The Taberna dell'Invidioso, part of the bath complex called "Terme dell'Invidioso" (Reg. V, Is. V, 2), may be connected to the various reconstructions at the end of the 3rd century AD. The oldest phase of the public house goes back to the 3rd century BC; in the foundation of the building were found a small Sardo-Punic bronze (head of Tanit/3 corn ears) and a Roman ounce of 5.2 g. *(Sara Sorda)*

259 CARTER, GILES F. and METCALF, WILLIAM E. Analyses of Gaian Asses. *NC* Vol. 148 (1988) pp. 00-00.

X-ray fluorescence analyses of asses of Gaius (Caligula) are tabulated, and the consequences for the chronology of the M. Agrippa asses discussed in light of varying opinions regarding their attribution. *(William E. Metcalf)*

260 CASEY, P.J. A fifth-century Gallo-Roman gold coin from Piercebridge,

Co. Durham. *Durham Archaeological J* Vol. 3 (1987) pp. 5-7 illus.

The author publishes and discusses a solidus in the name of Anthenius (AD 467-72).
(Edward Besly)

261 CHIARAVALLE, MAILA. *Le monete di Ticinum nella collezione di Franco Rolla. Catalogo delle Civiche Raccolte Numismatiche di Milano* (Milan, Comune di Milano 1987) 125 pp. illus.

In the catalogue are published 394 coins, dating from Aurelian (AD 275) to Constantine (AD 327), struck in the mint of Ticinum, formerly in the collection of Franco Rolla, recently acquired by the Civiche Raccolte Numismatiche of Milan.

(Andrea Carignani)

262 CHRISTIANSEN, ERIK. *The Roman Coins of Alexandria, I-II.* (Aarhus, University Press 1988) 311 pp.; 179 pp. illus.

This thesis is not a *corpus Alexandrinorum*. Volume I contains a catalogue of the types issued by the emperors Nero, Trajan, and Septimius Severus (billon coins: collections; billon coins: hoards; bronze coins from hoards and collections and finally a discussion and conclusion for each emperor). Volume II contains 2 appendices, a discussion of the statistical method used, figures, tables and notes. The general conclusions are summarized in a last thesis: "Behind and within the Alexandrian coins lay a conscious coin policy dictated by the political and economic considerations which the emperors thought to serve their rule best." (p. 310.)

(Harald Nilsson)

263 CHRISTOV, EMANOUIL. *Trésor de deniers romains de Silistra. Numismatica* Vol. 21 No. 3 (1987) pp. 17-26 illus. In Bulgarian; Summary in French.

The author studies a hoard of 35 Roman denarii found in the center of the Bulgarian city Silistra at the edge of the Danube. The composition of the hoard is as follows: 7 Mark Antony; 3 Vespasian; 1 Domitian; 4 Trajan; 2 Hadrian; 1 Sabina; 8 Antoninus Pius; 3 Faustina I; 4 Marcus Aurelius; and, 2 Faustina II. The deposit may be dated to the time of the invasions of the Costoboces in 170.

(Jordanka Youroukova)

264 CIOFLAN, T. and CONSTANTINESCU, GR. *Considerații privind existența unei fortificații romane în zona Curtea de Argeș [Considerations Concerning the Existence of a Roman Camp in the Curtea de Argeș Area]. StudComunPitești* (1987) p. 12.

In the area of the town Curtea de Argeș (Walachia), a coin hoard from Philip II and a denarius from Commodus were discovered; from the village Corbeni, near Curtea de Argeș, 2 denarii from Trajan and Hadrian were found.

(Constantin Preda)

265 COLONNA, GIOVANNI. *La più antica iscrizione di Bologna. Studi e Documenti di Archeologia. II.* (Soprintendenza archeologica per l'Emilia Romagna, Nuova Alfa Editoriale 1986) pp. 57-66 illus.

The author considers a fragment of *aes rude*, which was part of a very large deposit of bronze (weapons, utensils, ornaments, various objects, etc.), found in the area of the church of San Francesco at Bologna. The burial date is ca. 680 BC. The fragment weighs 161.15 g, or rather ca. half a Roman pound, and bears an inscription *aie* incised with heat on the melted bronze. With regard to this inscription, the author gives a value to the proper name of the individual in the nominative, a name affixed to guarantee the weight of the fragment—as the developed function of the weight.

(Sara Sorda)

266 CROOK, J.A. *Lex Cornelia "de falsis."* *Athenaeum* Vol. 65 Nos. 1-2 (1987) pp. 163-171.

The author discusses false testimony and debased coinage, based on the *Lex de falsis* of Sulla.

(Andrea Carignani)

267 CRUMMY, NINA. Editor. With contributions by Marion Archibald, Justine Bayley, Nina Crummy, Philip Crummy, John A. Davies, Roger Goodburn, Michael Hammerson, Robert Kenyon, Richard Reece and Martin Winter. *Colchester Archaeological Report 4: The coins from excavations in Colchester 1971-9.* (Colchester, 1987) 111 pp. illus.

From the excavations at Colchester, Essex, are published 3,172 coins (mostly Roman period), including extended discussions of counterfeits of the Claudian period and of 3rd and 4th century coinages. The microfiche supplement includes a list of the Roman coins in the Colchester and Essex Museums.

(Edward Besly)

268 DAVIES, J.A. Two Groups of Barbarous Radiates from the Vicinity of Meare, Somerset. *NC* Vol. 147 (1987) pp. 171-173 illus.

Since the publication of the late 3rd century hoard of antoniniani from Meare Heath in Somerset (*NC* Vol. 146 [1986] pp. 107-18), 2 further discoveries of irregular antoniniani, or barbarous radiates, from the immediate area have been notified. One of these comprises 9 examples and the other contains 15, together with a single regular antoninianus. Both lots are known to have come from larger hoards, of uncertain composition. Some 20% of the irregular component from Meare Heath were assigned to 10 groups, based on die- and style-linking. Both of the new lots contain barbarous radiates which die-link to these groups. No die-links to Meare Heath have yet been found further afield and these new subsidiary groups strengthen the argument for a substantial irregular production center nearby, during the late 270s and early 280s AD.

(Author)

269 DAWSON, DAVID. The Coins. In P. Ellis, Sea Mills, Bristol: the 1965-1968 excavations in the Roman town of Abonae. *TransBristolGloucestershireArchaeolSoc* Vol. 105 (1987) pp. 15-108 at pp. 60-63.

The author lists 84 coins, 1st-4th centuries AD, from 2 excavations.

(Edward Besly)

270 DOYEN, JEAN-MARC. Aureus d'Hadrien découvert dans la Région de Waremm (prov. de Liège, Belgique). *Amphora* Vol. 51 (March 1988) p. 36.

The aureus is discussed in connection with *RIC* 246 and *BMC* 643.

(Johan van Heesch)

271 DOYEN, JEAN-MARC. De gallo-romeinse villa van Treignes, campagne 1986 [The Gallo-Roman Villa of Treignes, Excavations of 1986]. *Bulletin van de Antwerpse Vereniging voor Bodem-en Grotonderzoek*. No. 2 (1987) pp. 1-3.

Short descriptions of 6 ancient coins are published: Claudius II Divus, Tetricus I, an imitation of Tetricus II, Constantine I (struck at Lyon), Constantine II and Constantinopolis (struck at Trier), as well as 2 modern coins. (Author)

272 DOYEN, JEAN-MARC and LEMANT, J.-P. Un médaillon de Caracalla (Pergame, 214 après J.-C.) découvert à Vireux-Wallerand (Ardenes, France). *Amphora* No. 51 (March 1988) pp. 27-35 illus.

During excavations of an industrial building near the bank of the Meuse a "colonial" medallion of Caracalla, struck in Mysia in 214, was found. The medallion bears the countermark of Pergamon itself. Also on the site were found a small hoard of 3 sesterces (2 Antoninus Pius, 1 Marcus Aurelius) and 41 isolated coins (ranging from Vespasian to Constantine I). A detailed, but not illustrated, catalogue of these latter coins is published. (Author)

273 DOYEN, JEAN-MARC. Un nouvel aureus de Titus (Rome, 80 après J.-C.). *CENB* Vol. 24 No. 4 (Oct.-Dec. 1987) pp. 92-93 illus.

An aureus, from the same dies as Mazzini (*Monete imperiali romane*, Vol. I No. 307) with trophy and 2 prisoners on the reverse, is discussed. (Paul Naster)

274 DOYEN, JEAN-MARC. Une intaille et un solidus de Constantin II (Antioche, 335-336) découvert à Chameleux. *Archéologie entre Semois et Chiers*. (Virton, 1987) pp. 79-80.

A new publication of the solidus discovered at Florenville-Chamileux and already published in *CENB* Vol. 20 (1983) pp. 5-7 (see *NL* 111/112-292) is printed. (Author)

275 DURR, NICOLAS and BASTIEN, PIERRE. Trésor de solidi (353-388). *SM* Vol. 63 (1984) pp. 205-240 illus.

A hoard of 390 solidi found at Sidi bu Zeid, Libya, with jewelry and 4 Constantine I gold multiples. This article studies the solidi, most of them issued at Constantinople from AD 378 to the decennalia of Theodosius I in AD 388. The hoard sheds new light on the coinage of Constantinople, with many unpublished solidi. The owner of the treasure may have been an officer who received donatives in Antioch, Thessalonica and Constantinople. (Authors)

276 EL KHATIB, N., LENOIR, E. and LENOIR, M. Fouilles de Dchar - Jdid, 1977-1980. *BullArchMaroc* Vol. 14 (1981-1982) pp. 169-219.

A small ancient city, 31 kms. south of Tangers, is discussed. The abandonment

of the site is dated by 4 coins of Theodosius I (p. 219).

(Pierre Salama)

277 ERCOLANI COCCHI, EMANUELA. Unità- riserva di valore, strumenti di pagamento, mezzi di scambio in Emilia Romagna e in Italia. Edited by G. Bermond Montanari. *La formazione della città in Emilia Romagna. Studi e documenti di Archeologia* Vol. III (Bologna, Nuova Alfa Editoriale 1987) pp. 131-177 illus.

The full discussion of the phenomenon of coinage in Italy from its origins to the beginning of the 2nd century BC, with particular attention to the territory of Emilia Romagna, is given. Throughout this period the author confronts the problem of the rise and the diffusion of the various premonetary and monetary forms (from the ingot to the *aes grave*). A map of the distribution of the principal findspots of hoards is included.

(Andrea Carignani)

278 ESTEVA I CRUAÑAS, LL. and VILARET I MONFORT, J. Monedes anteriors al segle V d.C. trobades a Sant Feliu de Guíxols i a les seves rodalies. *Estudis sobre el Baix Empordà* Vol. 6 (1987) pp. 103-117.

The author publishes a report of 60 coins: 15 are Republican and 45 are Imperial.

(Leandre Villaronga)

279 EVANS, J.D. The Sicilian Coinage of Sextus Pompeius (Crawford 511). *ANSMN* Vol. 32 (1987) pp. 97-157 illus.

Three denarius and an aureus issue are examined for type content and iconography, the links, weight analysis, and hoard locations. The author proposes a date of late summer through September of 36 BC for the bulk of the minting, with one series issued in the East in 35.

(Author)

280 FISCHER, THOMAS. Ein römischer Denarfund aus dem Vicus des Kastells Dambach, Gemeinde Ehingen, Landkreis Ansbach (Mittelfranken). *JNG* Vol. 35 (1985, publ. 1987) pp. 49-57 illus.

In the southern vicus of Kastells Dambach was found a hoard of 25 denarii, dating from Vespasian to Septimius Severus. A comparison with similarly composed finds from western Raetia demonstrates that all these finds were deposited shortly before Caracalla's expedition against the Alamanni in AD 213. This deposit could signify the first encroachment of the Alamanni into Raetia at this time.

(Wolfgang Leschhorn)

281 FÖRSCHNER, GISELA. *Die Münzen der römischen Kaiser in Alexandrien. Die Bestände des Münzkabinetts, Historisches Museum Frankfurt am Main.* (Frankfurt, Historisches Museum 1987) 455 pp. illus.

The author publishes 1,341 Alexandrian coins from the Imperial age, dating from Augustus to Maximianus Galerius, 47 nome coins, 3 forgeries of Alexandria, 7 tesserae and 1 glass coin weight, which, for the most part, were collected by the Frankfurter naturalist Eduard Rüppell in the first half of the 19th century in Egypt and are presently in the Historischen Museum der Stadt Frankfurt. All the pieces are illustrated

in the catalogue, accompanied by short commentaries concerning each emperor and his Alexandrian coinage. (Wolfgang Leschhorn)

282 GAINOR, JOHN R. The Image of the Julio-Claudian Dynasty from Coins. *CNJ* Vol. 33 No. 6 (June 1988) pp. 227-233 illus.

The author discusses a few significant types which relate to the imperial family, dating from 27 BC-AD 68. (Candace Carter)

283 GILEVICH, A.M. Khersones i Severo-Zapadnyi Krym Po Numizmaticheskim Dannym. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 54-55. In Russian.

284 GILLJAM, HANS. Antoniniani des Marius aus Reversstempeln Laelians im Trésor d'Evreux (1890). *NNb* Vol. 37 (1988) pp. 156-157 illus.

Among the 112 antoniniani of Marius in the hoard of Evreux were 11 coins of Elmer 636 (Victory facing right), countermarked on the reverse by Laelianus. (Wolfgang Leschhorn)

285 GODDARD, JOHN. Some unpublished Roman Imperial coins. *NC* Vol. 147 (1987) pp. 168-171 illus.

Eight coins recently discovered in a 19th century collection and not recorded in *BMCRE*, *RIC* or Cohen are described with brief comments and illustrated. They comprise a sestertius of Galba, asses of Vespasian and Commodus, a dupondius of Caracalla, antoniniani of Aurelian and Tacitus and folles of Licinius II and Constantine I. (Author)

286 GORINI, GIOVANNI. Aspetti monetali: emissione, circolazione e tesaurizzazione. Edited by E. Buchi. *Il Veneto nell'età romana, I. Storiografia, organizzazione del territorio, economia e religione*. (Verona, Banca Popolare di Verona 1987) pp. 225-286 illus.

An articulate and full review of the history of Roman coinage in the Veneto is given. From the earliest predecessors (premonetary forms, Celtic and Greek coins) the author retraces the course of the monetary phenomenon in this region until the late empire, based on the evidence of the most important hoards and the role of the mints of Aquileia and Ravenna. (Andrea Carignani)

287 GUERY, R. and TURCAN, R. Reliquat d'une trouvaille monétaire faite à Announa, Algérie. *BullArchAlg* Vol. 7 No. 2 (1977/1979) pp. 359-392.

The second discovery of Roman coins, placed in relationship with the first discovery on the site of Announa, ancient Thibilis in Numidia, is discussed. Cf. *Latomus* Vol. 30 (1972) pp. 130-145.

A hoard of 63 minimi of "barbarous radiates" is described. 3 are official coins

of the 3rd century (Victorinus and Divo Claudio). The others divide into 3 categories: (1) imitations dating to the Gallic Empire itself (Tetricus I and II); (2) the Gallic counterfeits of the end of the 3rd century; (3) the very late counterfeits (4th-5th centuries), certainly executed in Africa. The units of this last category are comparable to the minimi of the years 450-500. This same study was published by R. Turcan, see *NL* 120-339. (Pierre Salama)

288 GUILLOT OLIVELLA, R. Algunes consideracions sobre el concepte de circulació monetària. (El cas d'Empòrion). *Estudios de la Antigüedad* Vol. 3 (Universitat Autònoma de Barcelona, 1986) pp. 105-124.

289 HILL, PHILIP V. Buildings and Monuments of Rome as Coin-Types. Addenda. *NC* Vol. 147 (1987) pp. 51-64 illus.

This article is the last in a series concerning numismatic representations of buildings and monuments of Rome, published in various journals over the past 8 years. It consists of the inevitable addenda—types omitted from the original papers, especially those depicting statues, identified only after publication. (Author)

290 ILIESCU, OCTAVIAN. Constantiniana Dafne: anciennes et nouvelles théories. *NumAntClas* Vol. 16 (1987) pp. 265-292 illus.

Based on the 2 issues of Constantine, which have on the reverse in the exergue the legend **CONSTANTINIANA DAFNE** (327-329), the author propounds a theory to provide a satisfactory interpretation. Rejecting the hypotheses which tend to give to the legend a significance to *Toponimo* (the Imperial palace of Constantinople, Daphne district of Antioch, etc.) due to the absence of typical elements in the iconography of the coinage (turreted crown, other elements connected to the building or district), the author shows a preference toward a second category of reply: A celebration of a victory by Constantine (Daphne—laurel—victory), the author suggests, probably refers to the battle of Crisopoli. (Andrea Carignani)

291 JUNDZIŁŁ, JULIUSZ. Pieniądz w łacińskiej literaturze chrześcijańskiej późnego Cesarstwa Rzymskiego [Money in the Christian Latin Literature of the Late Roman Empire]. *Studia Antiquitatis Christianae* Vol. 3 (Warsaw, 1984) 253 pp. German summary.

The author discusses monetary units and systems mentioned in the Christian literature of the late Roman Empire, as well as opinions on the money in social life, trade, circulation and the economy of the Catholic church in the 4th and 5th centuries AD. (Andrzej Mikołajczyk)

292 KENYON, R.F. A 'Claudian Copy' Without a Prototype. *NC* Vol. 147 (1987) pp. 164-166 illus.

A contemporary imitation of Claudius I (AD 41-54) with an unusual obverse design is described and compared with other Claudian coin types from the mints of Rome and Lugdunum in an attempt to identify a prototype. Other Claudian aes with anomalous legends are also noted and compared with the coin, which was excavated recently at Colchester. (Author)

293 KLONER, A. and TEPPER, Y. *The Hiding Complexes in the Judean Shephela*. (Tel Aviv, Israel Exploration Society 1987) 428 pp. illus. In Hebrew.

The book describes the underground installations extending for ca. 40 kms. to the west of the Judean foothills, which were prepared mainly in connection with the Bar Kokhba rising. On pp. 333-337, the coins found in these installations are summarily described. They include Hasmonean coins, coins of the 1st Revolt and mainly issues of Bar Kokhba. (Arnold Spaer)

294 KLOSE, DIETRICH O.A. *Die Münzprägung von Smyrna in der römischen Kaiserzeit. AMUGS Vol. 10* (Berlin, DeGruyter 1987) 359 pp. illus.

The author publishes a catalogue of the "pseudo-autonomous" coinage, coinage with emperor portraits and the Homonoia coinage of Smyrna in the Roman Imperial period, including illustrations of every die. The author describes in detail the titulature of the emperor and the city, the coinage from Vespasian junior, the coin types in Smyrna, the officials and their dates, the dates of the "pseudo-autonomous" coinage, the work methods of Smyrna. The volume of the emissions and the continuity of the change, the system of names, the counterstamps, as well as the hoards with coinage of Smyrna, are covered. (Wolfgang Leschhorn)

295 KOLENDO, JERZY. O skarbie monet rzymskich z Połańca [About the Hoard of Roman Coins from Połaniec]. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 161-165 illus. English summary.

The hoard of ca. 150 Roman Republican denarii, found in Połaniec, Little Poland, differs from other Roman coin hoards in Poland. It is interpreted as the war booty from the Marabod's state (situated in the present Czech territory), annihilated ca. AD 19 by the Goths under Katualda. (Andrzej Mikołajczyk)

296 LACAM, GUY. *Imitation d'un solidus d'Anastase. Vie num Vol. 37* (1987) pp. 256-260 illus.

An imitation of a solidus of Anastasius (491-518), bearing on the reverse a Victoria with bird head and bird talon, is discussed. The coin should be dated between 492 and 494 and attributed to the Alamanni. (Paul Naster)

297 LAENENS, CYRIEL. *Romeinse keizers en het verval van het imperium [Roman Emperors and the Decline of the Empire]. JEGMP* (1987) pp. 159-172 illus.

After a general historical introduction, aspects of coins and monetary history of the second half of the 3rd century AD are emphasized. (Paul Naster)

298 LALLEMAND, JACQUELINE. *Le trésor de Bras (comm. de Libramont-Chevigny): bronzes et antoniniens de Hadrien à Postume. Archaeologia Belgica Vol. II No. 2* (1986) pp. 205-211.

The Bras hoard was found in a Roman structure excavated in 1981 by the Service national des Fouilles. The coins disposed in piles wrapped in tissue were placed in a vase which was not buried, but stayed on a slate plate put on the ground. It con-

tains 108 coins: 3 bronzes and 105 antoniniani. The catalogue is preceded by a comparative study of other hoards gathered in 262, like the Bras hoard, or in 263.

(Author)

299 LALLEMAND, JACQUELINE. Les trésors monétaires. Les moules monétaires. *Le vicus romain de Saint-Mard. Archéologie entre Semois et Chiers.* (Virton, 1987) pp. 104-110 illus.

In this contribution to the volume commemorating the 50th anniversary of the Musée gaumais at Virton (Luxembourg, Belgium), the coin hoards (1 of the 1st century and 4 of the 3rd century) discovered in the Roman vicus of Saint-Mard near Virton are reconsidered. A prepublication of 699 clay molds and fragments found in the craftsmen district of the vicus is given. These pieces are witness to the activity of a forger in the beginning of the 3rd century.

(Author)

300 LANGE, O. Ninica Claudiopoli. *Berichte* Vol. 28 (1988) pp. 377-385 illus.

Coin types of the Roman colony Ninica Claudiopoli in Cilicia representing the foundation of the colony and scenes of the Dionysus-myth are interpreted.

(Wolfgang Leschhorn)

301 LANGE, O. Tarkondimotos, König von Kilikien, und seine Dynastie. *Berichte* Vol. 27 (1988) pp. 336-343 illus.

The author discusses the histories and numismatic evidence of Tarkondimotos, who was installed by Pompey as dynast and by Mark Antony as king in Hierapolis Castabala (Cilicia), as well as his successors—Philopator I, Tarkondimotos II and Philopator II (died AD 17). The unusual coinage of this dynasty is assigned to individual masters; the types are interpreted.

(Wolfgang Leschhorn)

302 LEVEAU, PH. Recherches sur les nécropoles occidentales de Cherchel (Caesarea de Maurétanie), 1880-1961. *AntiqAfr* Vol. 19 (1983) pp. 85-173.

In Sector I the following coins were found: 1 dupondius of Aelius Caesar (p. 111); 1 middle bronze of Juba II and Cleopatra; 1 *as* of Claudius (p. 113); 8 bronzes: 1 Numidia, 1 Juba II, 1 Claudius, 2 Hadrian, 1 Antoninus Pius, 1 Marcus Aurelius, 1 unknown (p. 115). In Sector II these coins were found: 1 *as* of Domitian, 1 dupondius of Trajan (p. 123); 23 coins of Juba II, Caesarea autonomous, Tiberius, Claudius, Vespasian, Domitian, Trajan, Hadrian, Antoninus Pius, Faustina I, Marcus Aurelius, Verus, Commodus (pp. 132-134). In a mausoleum a hoard was found. The catalogue was established by P. Salama: 28 bronzes of Constantine and his sons, ranging from 318 to 335 (19 western workshops; 3 Balkan workshops; 6 eastern workshops) (pp. 146-150).

(Pierre Salama)

303 MAC DONALD, D.J. A Greek Imperial Hoard of Alexandrian Troas. *NC* Vol. 147 (1987) pp. 158-160.

The author publishes a portion of a hoard dating to ca. AD 260 consisting of 83 coins of Alexandria Troas, 3 coins of Parium, 1 coin of Methymna, and 1 coin of

Coela. Two other lots of the same hoard are also noted. (Author)

304 MAREK, VÁCLAV. *Roman Republican Coins in the Collection of the Charles University.* (Prague, 1985) 112 pp. illus.

A catalogue of 287 coins, including a treatise on the development of the collection, is published. (Z. Nemeškalová-Jiroudková)

305 MARTINI, RODOLFO. *Monetazione bronzea romana tardo-repubblicana. I.* (Milan, Ennerre S.r.l. 1988) 146 pp. illus.

A collection of 3 studies is published: the issues of *Divos Iulius* of Octavian attributed to the Lugdunum mint and largely imitative (pp. 33-64); the bronze series of Sextus Pompey issued in Sicily (pp. 65-81); the bronze of the prefects of Antony (pp. 83-93). (Sara Sorda)

306 MARTINI, RODOLFO. *Monete. Sub ascia. Una necropoli romana a Nave.* (Pisa, Panini 1987) pp. 114-119 illus.

In the district of Brescia at Nave was discovered a necropolis in which Roman Imperial coinage was found. The author cites references to the Julio-Claudians to establish possibilities regarding circulation. (Sara Sorda)

307 METCALF, WILLIAM E. Recent Catalogues in Roman Numismatics. *Journal of Roman Archaeology* Vol. 1 (1988).

This review article covers four works: C.H.V. Sutherland's new edition of *RIC* 1, W. Szaivert's *Moneta Imperii Romani* 2/3 and 19, H.M. von Kaenel's *Münzprägung und Münzbildnis des Claudius*, and P. Bastien's *Le monnayage de l'atelier de Lyon, du règne de Jovien à la mort de Jovin (363-413)*. (Author)

308 METCALF, WILLIAM E. The Severan Cistophori. *RIN* Vol. 100 (1988).

The small "cistophoric" issues of Septimius Severus and his family are discussed, and die combinations noted. The two groups identified by previous scholars, sometimes on the basis of faulty description, are shown to be a single entity. The identification as "cistophori" is questioned and the possibility of a Cappadocian origin suggested. (Author)

309 MOSTECKY, HELMUT. Ein Münzhort von Karthago aus der Zeit vor den Vandalensturm. *Cédac - Carthage* Vol. 8 (June 1987) p. 48.

This article is reprinted from *MÖNG* Vol. 25 (1985) pp. 69-73. See *NL* 118-275. (Pierre Salama)

310 NASTER, PAUL. Déformations des effigies impériales romaines sur les monnaies du nord de la Mésopotamie (fin du IIe - milieu du IIIe siècle). *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu.* (Paris, Le Léopard d'Or 1987) pp. 665-670 illus.

The coins of Anthemusia, Edessa, Carrhae, Rhesaena, Nisibis and Singara with slight defiguration of the features of the reigning Roman emperors from Septimius Severus to Philip the Arab are discussed, in comparison with Greek and Roman artistic deformations on Celtic coins. (Seven times the name Abgar has been printed erroneously 'Agbar'.)
(Author)

311 PANVINI ROSATI, FRANCO. Criteri di studio e interpretazione dei monumenti sulle monete romane. *Saggi in onore di Guglielmo de Angelis d'Ossat. Quaderni dell'Istituto di Storia dell'Architettura*. New series, Vol. 1-10 (1983-1987) (Rome, Multigrafica 1987) pp. 61-62.

In a short note the author defines the criteria and limits of the study of Roman architecture on the basis of the depiction of monuments on the coinage.
(Andrea Carignani)

312 PATRICH, J. Coins from the Northern Church. In Y. Tsafrir, J. Patrich, R. Rosenthal *et al.* Excavations at Rehovot-in-the-negev. Vol. I. The Northern Church. *Qedem* Vol. 25 (Jerusalem, 1988) 209 pp. illus.

On pp. 152-153, 6 identified bronze coins out of a total of 35 found are described and illustrated. They are: a city coin of Ascalon under Nero, 2 coins of Constans and Constantine II, a follis of Justinian, and a post-reform Umayyad coin struck at Ramleh between AD 708-750.
(Arnold Spaer)

313 PREDA, CONSTANTIN. Einige Betrachtungen zu Dakien in der Zeit Burebistas. *Dacia* Vol. 31 (1987) pp. 5-10.

In the reign of the Geto-Dacian King Decebalus, the monetary currency of the Roman coins had an important and yet an inexplicable debasement in comparison with that of the 1st century BC.
(Author)

314 PREDA, CONSTANTIN. Intre ipoteză, certitudine și adevăr în interpretarea și înțelegerea monetăriei geto-dacilor [Between Hypothesis, Certainty and Truth for the Interpretation and Understanding of the Geto-Dacian Coinage]. *SCIIVA* Vol. 38 No. 4 (1987) pp. 323-334. German summary.

Some aspects concerning the iconography, chronology and metrology of some Geto-Dacian monetary types are discussed.
(Author)

315 RIPOLLES, P.P. Los cuadrantes de Saitabi del tipo Vives XX-5. *Arse* Vol. 22 (Sagunto (Valencia), Boletín del Centro Arqueológico Saguntino 1987) pp. 657-658 illus.

The author publishes the second well-known example of the die with scallop shell/dolphin.
(Leandre Villaronga)

316 SALAMA, P. Economie monétaire de l'Afrique du Nord dans l'Antiquité tardive. IIe Colloque internat. sur l'histoire et l'archéologie de l'Afrique du Nord, Grenoble, 5-9 April 1983. *BCTH* Vol. 19 (1983-1985) pp. 183-202.

The article comprises a general summary, with a distribution map of the hoards,

of all of the types of monetary circulation in Africa up to the arrival of the Vandals in the territory; the supply of gold in the provinces which remained Roman; and, the different aspects and historical dates of the Vandal and Proto-Vandal money. These coins are discussed in relation to the texts and the inscriptions of the same periods.

(Author)

317 SALAMA, P. L'empereur Magnence et les provinces africains. *Mélanges de Numismatique offerts à Pierre Bastien*. (Wetteren, Numismatique romaine 1987) pp. 203-216.

A general study of the reign of Magnentius in Africa (March 350-September 352). On pp. 213-216 the coinage is discussed. An inventory of the coins of Magnentius and Decentius found in the territory of Roman Africa, notably an important hoard of maiorinae: 170 bronzes (Constans II - 85; Constans - 10; Magnentius - 25; Decentius - 12; Gallus - 38). Date of deposit is ca. AD 354-355.

(Author)

318 SAN VICENTE GONZALEZ DE ASPURU, J.I. Hallazgo de un antoniniano de Gordiano III en Alava. *Estudios de Arqueología Alavesa* Vol. 13 (Vitoria, 1986) pp. 273-280.

A notice of the isolated find of an antoninianus of Gordian III is published.

(Leandre Villaronga)

319 SCHEERS, SIMONE. La numismatique d'Alésia. Quelques précisions. *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu*. (Paris, Le Léopard d'Or 1987) pp. 743-752 illus.

The worknotes of F. de Sauley, which list the coins excavated in 1863-1866 in Caesar's defensive works before the oppidum of Alesia, demonstrate without doubt that all of the Gaulish and Roman coins were found in the excavated areas. They counter the scepticism of modern archaeologists who think that surface finds were mixed with coins from the excavations, which leads them to reject the chronological implications of this ensemble. On the other hand, the number of different types outnumbered probably those cited in the very brief list published in 1866.

(Author)

320 SCHMITZ, WINFRIED. Händler, Bürger und Soldaten. Die Bedeutung von Münzgewichtsveränderungen in der griechischen Poliswelt im 5. und 4. Jahrhundert v.Chr. *Münsterische Beiträge zur antiken Handelsgeschichte* Vol. 5 No. 2 (1986) pp. 59-87.

The author refutes the thesis that a city-state changes its coin standard primarily from considerations of trade policies and discusses possibilities to explain the changes of the monetary standard through traditional bonds, financial crises and military events.

(Wolfgang Leschhorn)

321 SEAR, DAVID R. Severina, Empress of Rome. *SAN* Vol. 17 No. 3 (June 1988) pp. 51-52 illus.

More than 80 ladies bore the proud rank of Augusta, but only Ulpia Severina,

wife of Aurelian (AD 270-275), was the actual head of state for the 6 months following the assassination of her husband. During this time a huge volume of coinage was issued. The numismatic evidence aids a reconstruction of the sequence of the events which led to Ulpia's rise to power. (Vic Kozik)

322 SEĬFEDDINI, M.A. and ISMAĬLOVA, N.S. Torgovye Sviazi Azerbaidzhana s Severnym i Zapadnymi Stranami Po Numizmaticheskim Dan-nym. *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskom Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 66-67. In Russian.

323 SEJBAL, JIŘÍ. Doposud nepublikované nálezy zlatých římských mincí z Moravy [Unpublished Finds of Gold Roman Coins from Moravia]. *NListy* Vol. 41 (1986) pp. 97-100 illus. German summary.

Four gold coins from the 1st to the 5th century, discovered in various Moravian sites, are discussed. (Z. Nemeškalová-Jiroudková)

324 Selected Acquisitions - 1987. *Israel Museum Journal* Vol. 7 (Spring 1986) pp. 119-128.

On p. 120 reference is made to coins acquired by the Museum during 1987. A shekel of year 5 of the First Jewish Revolt is illustrated. The coin is of the style of BMC 20. (Arnold Spaer)

325 SIMONETTA, BONO and CHIESA, FRANCO. Osservazioni sui denarii conati da Cesare nel 44 a.C. con la propria effige. *NumAntClas* Vol. 16 (1987) pp. 175-195 illus.

The authors reexamine the problem of the chronological sequence of the coinage with the portrait of Caesar in 44 BC, previously discussed by Alföldi. The authors discuss the correct succession of the coinage on which Caesar appears with the different titles which, in the course of the months of January and February were conferred by the Senate: *dictatore quarto*, *imperator*, *parens patriae*, *dictator perpetuo*. These issues continued for a certain length of time, even after the ides of March. Finally, the authors attempt to distinguish between the coins issued before and after the death of the dictator. (Andrea Carignani)

326 STAHL, Z. *HaMatbe'ot Be'Eretz Yisrael Betkufa HaRoma'it* [The Coins in the Land of Israel in the Roman Period]. (Tel-Aviv, Liderman Publications 1986) 127 pp. illus. In Hebrew.

A popular outline of the Roman coinage circulating in Palestine is given. (Arnold Spaer)

327 STANNARD, CLIVE. Two-headed and Two-tailed Denarii in the Roman Republic. *NC* Vol. 147 (1987) pp. 160-163 illus.

This note publishes 2 specimens of a new denarius of L. FURI CN. F BROCCHI (Cr. 414/-, 63 BC) with the obverse type repeated on both sides of the coin. The previously known two-headed and two-tailed denarii (Cr. 317/1 & 2, Cr. 342/6a & 6b, and 447/1b) are considered; all, both those with different legends on either side and those with an anomalous half legend, probably result from the coupling of 2 obverse or reverse dies. (Author)

328 STEWART, B.H.I.H. Two Doubled London Coins of Constantine I. *NC* No. 147 (1987) p. 183 illus.

329 STOLIARIK, E.S. Monetnoe obrashchenie na territorii Severo-Zapadnogo Prichernomor'ia v Pozdneantichn'iĭ Period (Konets III-V vv.). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 52-54 illus. In Russian.

330 STOPPIONI, MARIA LUISA. Un gruzzolo di monete imperiali romane dal pozzo di S. Croce (Ravenna). *Felix Ravenna* No. 1/2 (1986) pp. 47-51 illus.

In a Roman well in the courtyard of a domus, excavated under the Basilica of S. Croce in Ravenna, were found 34 bronze coins, dating between Domitian and Antoninus Pius. On the basis of these coins, the author theorizes that an owner's purse fell to the ground. (Sara Sorda)

331 STUCCHI, SANDRO. Una moneta detta di "Pergamo" ed il monumento augusteo nel santuario di Athena Polias Nikephoros. *ArchCl* Vol. 36 (1984) pp. 198-215 illus.

The author rejects the proposed hypothesis to establish a relationship and an influence of Pergamon (Augustan coin portraits, Augustan phases of the donatives to circulate in the sanctuary of Athena Polias Nikephoros) on the portrait of the Prima Porta Augustus. (Andrea Carignani)

332 SUCEVEANU, AL. and ZAHARIADE, M. Du nom antique de la cité romaine et romaine tardive d'Independența (dép. de Tulcea). *Dacia* Vol. 31 (1987) p. 95.

During excavation of the Roman fortress of Independența (Tulcea County, Dobruja, Romania), a late Roman coin hoard was discovered. The last issues date from AD 395-402. (Constantin Preda)

333 SUTHERLAND, HUMPHREY. The "Pontif Maxim" Aurei of Tiberius. *NumAntClas* Vol. 16 (1987) pp. 217-227 illus.

In one of the last articles before his passing, the author proposes a chronological system of the series of aurei struck by Tiberius as pontifex maximus. The dates are advanced on the basis of the comparison of the 6 different types of monetary portraits of the emperor which may be assigned to his quinarius issues of the Lugdunum mint. (Andrea Carignani)

334 TAMEANKO, MARVIN. Speculation on the missing Agnomen, Judaicus, on the coins of the Flavian Emperors. *SAN* Vol. 17 No. 3 (June 1988) pp. 44-47 illus.

The agnomen was an honorary name or title to mark some great deed or victory for which they were personally responsible. *(Vic Kozik)*

335 THIRY, JEAN-CLAUDE. A propos d'un as de C. Licinius Macer et de la répartition des attributions entre les triumvirs monétaires sous la République. *CENB* Vol. 25 No. 1 (Jan.-March 1988) pp. 1-6 illus.

A Roman bronze as of the first century BC that should be attributed to Caius Licinius Macer, with the mark A before the prow, is discussed as well as some problems concerning the triumviri monetales. *(Paul Naster)*

336 THOMPSON, G. RAY. A Study in Imperial Marriage: Numismatic and Epigraphical evidence of the wives of Elagabalus (218-222 AD). *SAN* Vol. 17 No. 3 (June 1988) pp. 53-56 and 62 illus.

The series of marriages which the young Syrian priest-emperor, commonly known as Elagabalus, contracted during his short reign of less than 4 years are outlined. *(Vic Kozik)*

337 THYS, M. Deux sanctuaires locaux d'Hercule dans le monnayage gallo-romain. *Vie num* Vol. 38 (1988) pp. 71-78 illus.

The devotion of Postumus to Hercules is illustrated on his coins, of which ca. 20 are described in this article. *(Paul Naster)*

338 TONDO, LUIGI. Le monete. *Artimino (Firenze). Scavi 1974. L'area della Paggeria medicea: relazione preliminare.* Edited by G. Capecchi. (Florence, Comune di Carmignano 1987) pp. 221-222 illus.

The author gives notice of the find of a bronze coin on which is depicted on the obverse a wild boar running right and on the reverse the same animal running left. The piece may be attributed to the so-called series—Latin weight of Apollo—dated by Haeblerlin to 286-268 BC. On the other hand, the author advances strong doubts on the chronology (to extend it between the beginning and the second half of the 3rd century BC) and questions the absence in a monetary series of Latium of this period of any sign of authority and power of Rome. *(Andrea Carignani)*

339 TURCAN, R. Trésors monétaires de Tipasa et d'Announa. *Collection du Centre d'études romaines et gallo-romaines.* New series, No. 2 (Lyon, 1984) pp. 5-26.

At Tipasa (Mauretania Caesarea) 2 small late hoards were found in the area of the port (ca. 1961). The total number of coins discovered was 263. The majority of the total were official Roman coins of the 4th and 5th centuries, dating up to the reign of Zenon (AD 474-491). The imitations are those of the Vandal kings Gunthamund and Thrasamund and the first coins of Justinian. All are African imitations. *(Pierre Salama)*

340 URSACHI, VASILE. Cetatea dacică de la Brad [The Dacian Fortress from Brad]. *Thraco-Dacica* Vol. 8 (1987) p. 120. German summary.

In the Geto-Dacian fortress from Brad (Moldavia), during archaeological excavations, were discovered 29 coins: 5 Geto-Dacian, 13 Roman Republican and 11 Roman Imperial.
(Constantin Preda)

341 VAN HEESCH, JOHAN. De muntcirculatie in Romeins Tongeren tijdens de 1e eeuw na Chr.: een voorlopig verslag [The Coin Circulation in Roman Tongeren during the First Century AD: Provisional Report]. *Archeologie* No. 1 (1987) pp. 37-38.

The Roman coins of the 1st century AD found in Tongeren, Belgium, are presented in a table.
(Author)

342 VAN ROY, A. Description d'une nouvelle variété d'un semis de Titus et d'un quadrans inédit de Trajan. *Vie num* Vol. 37 (1987) pp. 341-343 illus.

Two Roman bronze coins of AD 79/80 and 107 are discussed.
(Paul Naster)

343 VILLARONGA, L. La Història de Tàrraco en època romano-republicana documentada per les seves monedes en escriptura ibèrica. *Bulletín Arqueològic* Vol. 5 Nos. 4 and 5 (Tarragona, Reial Societat Arqueològica Tarraconense 1982-83) pp. 87-100 illus.

344 VILLARONGA, L. Novetats a la numismàtica saguntina antiga. *Arse* Vol. 22 (Sagunto [Valencia], Boletín del Centro Arqueológico Saguntino 1987) pp. 651-656 illus.

Up-to-date additions to the author's 1967 book are published.
(Leandre Villaronga)

345 VOISIN, J.-L. Le triomphe africain de 46 et l'idéologie césarienne. *AntiqAfr* Vol. 19 (1983) pp. 7-33.

On pp. 409-410 the author discusses coins discovered at various strata, including a single Roman coin (a dupondius of Trajan).
(Pierre Salama)

346 WAERZEGGERS, RENÉ. Een Romeinse munt gevonden in de Mechelse straat te Leuven [A Roman Coin Found in the Mechelse Straat at Louvain, Belgium]. *Museumstrip* (Louvain, Savoiestraat 4, Stedelijke Musea) Vol. 14 No. 3 (1987) pp. 47-48 illus.

During road work an antoninianus of Gordian III, struck in Rome, was discovered.
(Paul Naster)

347 WEISS, PETER. Argaios/Erciyas Dağı—Heiliger Berg Kapadokiens. Monumente und Ikonographie. *JNG* Vol. 35 (1985, publ. 1987) pp. 21-48 illus.

In an iconographic catalogue of the representation of Mt. Argaeus in antiquity, primarily the coinage from Caesarea in Cappadocia as well as several Roman Imperial coins are listed. From the depictions of the monuments are derived religious ideas which unite the mountain and the god Argaeus. (Wolfgang Leschhorn)

348 ZEDELIOUS, VOLKER. "Prägesprünge." Eine Unregelmässigkeit im Trierer Münzamt. *Berichte aus der Arbeit des Museums* (Bonn, Das Rheinische Landesmuseum 1987) p. 81 illus.

A hybrid solidus of Constans from the Trier mint was found in Vettweiss, Kreis Düren. The obverse die may be dated to AD 342/3; the reverse die to AD 347/8. (Wolfgang Leschhorn)

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 8, 30, 34, 44, 45, 58, 72, 73, 75.

Greek, Nos. 139, 170, 171, 175, 182, 192.

Celtic, Nos. 200, 208.

Punic, No. 213.

Iberian, No. 223.

Western and Central Europe, No. 653.

BYZANTINE

349 ATAŞ, ERDOĞAN. *Antik Bizans Sikkeleri Kataloğu 1988* [Antique Byzantine Coins Catalogue]. *Antikite Yayınları*, No. 3. (Istanbul, 1988) 128 pp. illus.

Coins of all types from Anastasius to Johannes IV with some coins of the Ostrogoths and Vandal kings and the Arab-Byzantine period are illustrated and catalogued. Valuations are given in Swiss Francs based upon a study of the auction catalogues of Aes Rude, Bank Leu, Gitta Kastner, Hess Leu, Karl Kress, Lanz München and Sternberg Frank and others. This reference book is designed for collectors of ancient coins in Turkey. (Kenneth MacKenzie)

350 BARNEA, I. Antroponime traco-dace pe sigilii bizantine [Thraco-Dacian Anthroponymes on Byzantine Seals]. *Thraco-Dacica* Vol. 8 (1987) pp. 203-206 illus. French summary.

The author publishes 12 Byzantine seals, dating from the 5th to the 10th centuries, on which have been identified the following Thraco-Dacian names: Bassos, Boutzios, Dakos, Kotertzes, Zarmos, Zéper, Mezé and Tzittas. These names, which appear also in other written documents, are now confirmed for the first time on the seals also. (Constantin Preda)

351 DONALD, P.J. An inter-denominational die-link at Heraclian Carthage. *NCirc* Vol. 95 No. 6 (July 1987) pp. 184-185 illus.

352 DONALD, P.J. Constantine or Constantinople? *NCirc* Vol. 95 No. 7 (Sept. 1987) p. 217 illus.

The author interprets the letters **KWNCTA** on a Sicilian follis of Leo III with Constantine V. (Edward Besly)

353 DONALD, P.J. The last denominational 'M.' *NCirc* Vol. 95 No. 8 (Oct. 1987) p. 255 illus.

A follis attributed to Basil I (AD 867-886) is published. ((Edward Besly)

354 GRIERSON, PHILIP. A Syracusan follis of Justinian II (705-11). *NCirc* Vol. 95 No. 10 (Dec. 1987) p. 324 illus.

355 GROMOTKA, GÜNTHER E. Einige Anmerkungen zu Gegenstempeln auf Münzen des syro-palästinensischen Raums aus der 2. Hälfte des 7. Jahrhunderts. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 14-19 illus.

Five coins imitating the Byzantine coinage of Constans II, bearing heretofore unpublished counterstamps, are published. Two examples are evidently Arab-Byzantine issues (Hims, Damascus) and all are of north Syrian provenance.

(Peter Ilisch)

356 GURULEVA, B.B. K istorii sobraniia vizantijskikh monet Gosudarstvennogo Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskom Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii.* (Leningrad, Gosudarstvenn'ii Ėrmitazh 1987) pp. 12-13. In Russian.

357 HAHN, WOLFGANG and METCALF, WILLIAM E., Editors. *Studies in Early Byzantine Gold Coinage* (NS 17, New York 1988) 187 pp. illus.

An introduction by the editors treats Byzantine gold coinage and mint administration from the 5th through the 8th centuries; the papers include contributions by W. Hahn, W. Hahn and N. Fairchild, D.M. Metcalf, W.E. Metcalf, C. Morrisson, W.A. Oddy, and J. Smedley.

(William E. Metcalf)

358 METCALF, WILLIAM E. The Joint-Reign Gold of Justin I and Justinian I. W. Hahn and W.E. Metcalf, Editors. *Studies in Early Byzantine Gold Coinage.* (NS 17, New York 1988).

A *corpus*, arranged by die, of the coinage of April 4-August 1, 527 is presented, with particular attention to transfer of dies among *officinae*. Previous classifications of the obverse types are shown not to reflect mint organization, and it is suggested

that the group with lyre-backed throne may be the product of a non-Constantinopolitan mint (Thessalonica?). (Author)

359 MOULAKIS, C.M. A new 1/4-siliqua of Anastasius II Artemius (713-715). *NCirc* Vol. 95 No. 7 (Sept. 1987) p. 216.

360 O'HARA, MICHAEL DENNIS. A Curious and Interesting Solidus for the Mint of Naples Under Justinian II. *NCirc* (March 1988) pp. 143-144 illus.

A new variant in this rare series for Naples is published. The coin depicts a style of crown unknown in Byzantine numismatics (superficially similar to that of empresses) which takes the form of 2 spikes or horns growing out through the emperor's hair. The historical background is discussed and a possible connection with the Synod of 687 is suggested. (Author)

361 O'HARA, MICHAEL DENNIS. A New Papal Imperial Issue: Not from the Find of Byzantine Silver from the Mint of Rome. *SM* Vol. 37 No. 146 (1987) pp. 42-44.

A silver siliqua of Constantine IV is published. The reverse type of the emperor's name combined with the denomination has a striking parallel with the last Ravenna issues of Constans II, and confirms some of the original attributions in the preliminary publication of the papal hoard in the *SNR* (1985). (See *NL* 115-301 and *NL* 116, corrigenda, p. 153). (Author)

362 O'HARA, MICHAEL DENNIS. Further Considerations on Papal Imperial Siliquae: The Chronology of the Star Type of Constantine IV 668-685; and a New or Unremarked Transitional Issue of Justinian II. *NCirc* (May 1988) p. 113 illus.

These two short notes comprised part of a paper presented at the Tenth International Numismatic Congress, but have been detached from the main body of the paper and published separately due to limitations of space in the proposed volume of the proceedings. (Author)

363 O'HARA, MICHAEL DENNIS. More Byzantine Gold Forgeries. *NCirc* (Dec. 1987) p. 326 illus.

Eight modern forgeries are described: Anastasius I (4), Heraclius (1), Constantine IX (1), and Romanus IV (2). They have been numbered following the forgery appendix in *Byzantine Coins and their Values* (1987 edition), but with alphabetical suffixes which hopefully will facilitate ease of reference. (Author)

364 SOKOLOVA, I.V. K datirovke Pechateĭ Andronikov Paleologov. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii. Kratkie Tezisy dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 14-15. In Russian.



365 TODD, ROZALYN. A late sixth-century hoard from Northern Syria. *NC* Vol. 147 (1987) pp. 176-182 illus.

A hoard of 54 folles and 6 half-folles was found in Syria, dating from AD 538 to 585; the majority of the coins were minted in Antioch. (Author)

366 TSOUGARAKIS, D. Economic and Everyday Life in Byzantine Crete Through Numismatic Evidence. *Jahrbuch der Oesterreichischen Byzantinistik* Vol. 32 No. 3 (1982) pp. 457-465.

The presence or absence of coin hoards in different parts of Crete suggests interesting conclusions concerning economic activity during the Byzantine period. (John Melville-Jones)

For additional references to Byzantine numismatics, see the following references:

General, Nos. 33, 44, 58.

Greek, No. 192.

Near and Middle East, No. 420.

ANCIENT NEAR EAST

367 JUEL-JENSEN, B. A new silver coin of King Wazena of Aksum. *NCirc* Vol. 95 No. 7 (Sept. 1987) pp. 219-220 illus.

368 KELLY, THOMAS. Herodotus and the Chronology of the Kings of Sidon. *BASOR* No. 268 (Nov. 1987) pp. 39-56.

The currently accepted dates for the reign of 'Ešmun 'azor II, king of Sidon, fail to take into account information provided by Herodotus. A more careful consideration of the information Herodotus outlines suggests that 'Ešmun 'azor II was king of Sidon prior to 480 BC. This date is supported by archaeological evidence from Sidon as well as numismatic evidence to provide a general chronology of the kings of Sidon throughout the period of Persian domination. (Candace Carter)

369 MUNRO-HAY, S.C. Aksumite silver coinage: some variant types in the Brereton Collection. *NC* Vol. 147 (1987) pp. 174-175 illus.

A private collection containing almost all the known silver types has also added a few new variants and confirmed some previous readings. Some chronological questions have also been raised. (Author)

370 MUNRO-HAY, S.C.H. *The Munro-Hay Collection of Aksumite Coins*. Suppl. No. 48. *Annali Istituto Universitario Orientale di Napoli* Vol. 46 No. 3 (Naples, 1986) 89 pp. illus.

The author publishes the catalogue of the rich collection of coins struck by the

Aksumite kings, of several provenances, maintained in the collection of the Ethiopian Department of Antiquities in Addis Ababa. The group comprises ca. 80% of the known types as well as several unique examples. (Andrea Carignani)

For additional references to the numismatics of the Ancient Near East, see the following abstracts:

General, No. 52.

Greek, Nos. 141, 173.

NEAR AND MIDDLE EAST MEDIEVAL AND MODERN

371 AKDOĞAN, VEDAT. Sultan I. Abdülhamid'e Aid İlginç Bir Altın [An Interesting Gold Coin of Sultan Abdülhamid I]. *BültenTurkNumSoc* Vol. 23 (1987) p. 16.

The article presents an unknown regnal year mint of the period. (Ömer Diler)

372 ALBUM, STEVE. Oubeh: A Hitherto Unrecorded Islamic Mint-place. *ONSN* No. 108 (Sept.-Oct. 1987) pp. 5-6 illus.

The author publishes a Timurid silver tanka countermarked at Oubeh by the Shaybanid ruler, Muhammad Shaybani. Oubeh lies on the Herat-Rud, ca. 55 miles east of Herat. The author further discusses the legend of the countermark, viz. *Adl Sarmuzd Awbah*. (Stan Goron)

373 ALEXANDER, DAVID T. The American-Israel Collector. *COINage* Vol. 24 No. 8 (Aug. 1988) pp. 16-17, 21, 31, and 122 illus.

The historical background of the International Israel Numismatic Society (IINS) and the Israel Government Coins and Medals Corporation (IGCMC) and the American Israel Numismatic Association (AINA) is given. (Candace Carter)

374 ARDA, TEVFIK SENO. Cumhuriyet Dönemi Madeni Paralarında Bir Serilendirme Denemsei [An Attempt at Making a Series of Republic Period Coins]. *BültenTurkNumSoc* Vol. 23 (1987) pp. 30-32.

375 AZIMOVA, L.A. Iz Istopii Izucheniiia Numizmatiki Azerbaïdzhana Vtoroi Poloviny IX—Pervoi Poloviny XI vv. *Novoe v Sovetskoï Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniï Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ïi Èrmitazh 1987) pp. 82-83. In Russian.

376 BARCELO, M. Un estudio sobre la estructura fiscal y procedimientos contables del emirato omeya de Córdoba (138-300/755-912) y del Califato

(300-366/912-976). *Acta Mediaevalia* Vol. 5-6 (Universitat de Barcelona, 1984-1985) pp. 45-72.

This article is important for this volume on fiscal payments in money and for the mechanics of coins, producing the monetization of the Andalusian society, beginning with the fiscal taxes by the state and the expenses of the state.

(Leandre Villaronga)

377 BEDOUKIAN, P.Z. An Unpublished Coin of Tigranes III (20-8 BC). *Armenian NJ Series* 1, Vol. 13 No. 2 (June 1987) pp. 12-13. illus.

A new type of copper struck by Tigranes III of Armenia is described. (Author)

378 BEDOUKIAN, PAUL Z. *Armenian Coin Hoards*. Armenian Numismatic Society, Special Publication No. 5 (Los Angeles, Armenian Numismatic Society 1987) 64 pp. illus. In English and Armenian.

The contents of 10 hoards from historic Armenia and 41 hoards from Cilician Armenia are listed. Most of the obverse and reverse legends of the latter group are given, with their representative numbers. It is noted that fewer than half of these hoards have been studied and published.

(Author)

379 BEDOUKIAN, P.Z. Single Lion Coronation Coins of Levon I. *J Soc Arm Studies* Vol. 2 (1985-1986) pp. 97-105 illus.

The author reviews the silver coins of Levon I of Cilician Armenia, noting the existence of only 45 single lion coronation silvers as against 1,200 of the double lion type. Based on this, as well as historical evidence, he concludes that the single lion coins were struck in 1197, when Levon received assurances from Henry VI that he would receive a crown from him. The double lion coronation silvers were struck when Levon officially became king by receiving crowns from 2 emperors, Henry VI and Alexis III of Byzantium.

(Author)

380 BEDOUKIAN, PAUL Z. The Small Armed Man Coins of Baldwin II. *ANSMN* Vol. 32 (1987) pp. 159-167 illus.

The author reads the inscription appearing on the large Crusader coppers as Bohemond instead of Baldwin as hitherto assumed, and attributes these coins to Bohemond I of Antioch rather than to Baldwin of Le Boulgne of Edessa. It is also noted that without exception the overstriking of Edessan coppers follows a chronological order: Baldwin on armed man, armed man on Richard, Richard on Bohemond, and no overstriking of Bohemond—indicating that no minting facilities existed in Edessa. Examples of small Baldwin coppers overstruck on Roger and Tancred confirm that these coins were struck in Antioch when King Baldwin II of Jerusalem was regent of Antioch from 1119-1126.

(Author)

381 BERTHIER, S. Sondage dans le secteur des Thermes Sud à Buṣrā. *Berytus* Vol. 33 (1985) pp. 4-45 illus.

The author mentions Islamic coins of the 13th-14th centuries found in the excavations at this site in southern Syria.

(Arnold Spaer)

382 CADENAT, P. Recherches à Tihert - Tagdempt, 1958-1959. *BullArchAlg* Vol. 7 (1977/1979) pp. 409-410.

The author discusses 9 Islamic coins, dating to the 8th-9th centuries.

(Pierre Salama)

383 DEREK, J. Rings. *Islamic Rings and Gems: The Benjamin Zucker Collection*. (London, Philip Wilson Publishers Ltd. 1987) pp. 27-232 illus.

The 102 rings catalogued include many with inscribed seal or amulet inscriptions.

(Michael L. Bates)

384 DOBROVOL'SKIĬ, I.G. and KOCHNEV, B.D. Akhsiketskiĭ Fel's Samanida Akhmada I b. Asada. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 15-16. In Russian.

385 DOBROVOL'SKIĬ, I.G. Unikal'nyi Dinar Khalifa al-Muktadira v Sobranii Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) p. 16. In Russian.

386 DRUART, JACQUES. Les 36 sultans ottomans, leurs monnaies et leurs toughras (suite). *Vie num* Vol. 37 (1987) pp. 331-339.

The coins and toughras of 17 other sultans (cf. *NL* 119-340) are briefly discussed. The years 824-1115 H (AD 1421-1703) are covered.

(Paul Naster)

387 DU QUESNE BIRD, N. An Arabian aluminium coin of 1897. *NCirc* Vol. 95 No. 7 (Sept. 1987) p. 217 illus.

An aluminum quarta anna of Muscat and Oman dated 1315 (AD 1897-8) is published.

(Edward Besly)

388 DZIUBIŃSKI, ANDRZEJ. Et marokkans mœntkatalog fra 1700-tallet i København [A Moroccan Coin Catalogue from the 18th Century in Copenhagen]. *NNUM* Vol. 2 (March 1988) pp. 34-39 illus.

The Austrian Orientalist F.V. Dombay wrote in Agram a catalogue on Moroccan coins both older and contemporary until the second half of the 18th century. The manuscript is still kept in Copenhagen.

(Bengt E. Hovén)

389 ENDER, CELIL. Bir Nakışli Mangirin Düşündürdükleri [About an Ornamented Copper Coin]. *BültenTürkNumSoc* Vol.24 (1988) pp. 9-10 illus.

The article presents a new viewpoint concerning copper coins on which no date or Sultan name exists: the artisan who worked the die was influenced by contemporary events.

(Ömer Diler)

390 ERTÜRK, KAZIM. İki Adet Bağdad Darpli Gümüş Sikke [Two Silver Coins Minted in Baghdad]. *BültenTürkNumSoc* Vol. 23 (1987) p. 12.

391 ERÜRETEN, METIN. Hamid Oğullarının Antalya Şubesine Ait Bilinmiyen bir Sikke [An Unknown Coin of Hamid Ogullari in Antalya]. *BültenTürkNumSoc* Vol. 23 (1987) pp. 6-9 illus.

The article concerns a silver coin of Hamidoglu beg Yunus b. Mehmed, struck in Antalya. A historical background is given. (Ömer Diler)

392 FINDEISEN, W. and WILSKI, H. Gegenstempel der Insel Thasos. *GN* Vol. 23 No. 123 (1988) pp. 19-21 illus.

Counterstamps of Greek communities of the island of Thasos struck on Turkish copper coinage between 1882 and 1893 are discussed. (Peter Ilisch)

393 FOMIN, ALEKSEY VLADIMIROVICH and KOVÁCS, LÁSZLÓ. The Tenth Century Máramaros County (Huszt) Dirham Hoard. *Magyar Numizmatikai Társulat* [Hungarian Numismatic Society]. (Budapest, 1987) 80 pp. illus. In English and Hungarian, separately.

In 1904 a dirham hoard, consisting of 400 examples, was found in the county Máramaros (northeast part of old Hungary). Contemporary documents do not mention the exact place. Although the hoard was identified by Zambaur, it was not published. Another, more up-to-date, catalogue was needed. In addition to the historical background, the authors catalogue the dirhams of Samanid, 'Abāssid and imitations. All examples in the hoard are illustrated. (István Gedai)

394 HOVÉN, BENGT E. Den stora dirhamen från Kexås [The Multiple Dirham from the Hoard of Kexås]. *Från myntkabinettet i Växjö. Kronobergsboken 1987.* (Växjö 1987) pp. 145-151 illus.

Among the thousands of Islamic coins found in Viking Age hoards multiple-dirhams are extremely rare and this coin is the only complete specimen found in a hoard in Sweden; it seems to originate from the Qishm-Zebak area in Badakhshān and to be struck ca. AD 961-97. (Author)

395 IBRAHIM, TAWFIQ. Five Umayyad Dirhems Not in Walker. *ONSN* No. 111 (March-April 1988) p. 5 illus.

The author publishes dirhems of 'At Bihar' (Herat ?), AH 79, Arminiyya, AH 82 and 110, Ifriqiyya, AH 119, and Suq al-Ahwaz, AH 83. (Stan Goron)

396 KALUS, LUDVIG. A hoard of bullae. *Islamic Rings and Gems: The Benjamin Zucker Collection.* (London, Philip Wilson Publishers Ltd. 1987) pp. 353-61 illus.

A hoard of 47 clay bullae with Arabic inscriptions found in the Judean hills included bullae with 11 different stamps. Some of the bullae still had traces of their fastening strings. Marks on the backs of some bullae indicate that the documents were papyri. (Michael L. Bates)

397 KALUS, LUDVIG. *Gems. Islamic Rings and Gems: The Benjamin Zucker Collection.* (London, Philip Wilson Publishers Ltd. 1987) pp. 233-352 illus.

A general historical discussion of Islamic seals and talismans is followed by a catalogue of 104 objects, including 82 seals, 17 talismans inscribed in positive and 5 talismans with negative inscriptions. (Michael L. Bates)

398 KERESTECİOĞLU, KENAN. Sultan Abdülmecid Han'ın Culusunun 9. Yilinda İstanbulda Basılan 10 Kuruşun Düşündürdüklerine Ek [Addition to the Reflections on Ten Kuruş Minted on the 9th Year of Reign of Sultan Abdülmecid]. *BültenTürkNumSoc* Vol. 23 (1987) p. 23.

The author makes additions to his article published in Volume 22.

(Ömer Diler)

399 KHAIRY, N. Silver Nabataean Coins in Jordan. *DirAthIslam* Vol. 12 No. 8 (1985).

400 KOCHNEV, B.D. Klady Karakhanidskikh Medno-Svintsovykh Dirkhernov Serediny Kh 1 v. *Vtoraia Numizmaticheskaiia Konferentsiia 1987.* (Moscow, Tezisy Dokladov i Soobshcheniï 1987) pp. 43-45. In Russian.

401 KOCHNEV, B.D. Klad Monet X — Nachala XI vv. Iz Tashkent-skogo Oazisa. *Novoe v Sovetskoï Numizmatike i Numizmaticheskome Museevedenii.* Kratkie Tezisy Dokpadov i Soobshcheniï Nauchnoï Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ïĭ Ėrmitazh 1987) pp. 57-59. In Russian.

402 LACHMAN, SAMUEL. Jews in the Egyptian Mints of the Fātimids and Ayyūbids. *Shekel* Vol. 21 No. 3 (May-June 1988) pp. 26-28.

Jewish mint employees of the period of the Cairo Geniza (358-648H/969-1250) are discussed. (Author)

403 LACHMAN, SAMUEL. Jews in the Mints of Ottoman Turkey. *Shekel* Vol. 21 No. 2 (March/April 1988) pp. 12-15.

Jews connected with the mints in Turkey proper, i.e., Rumeli (Turkey in Europe) and Anatolia (Turkey in Asia) as well as Ottoman Syria are presented. (Author)

404 LACHMAN, SAMUEL. Some Notes on the Medin. *NI* Vol. 22 No. 7 (July 1988) pp. 167-170.

New information and further names of the medin which supplement the writer's earlier article are presented. See *NL* 102-561. (Author)

405 MAC KENZIE, KENNETH M. Şahin Giray Han'ın Bir Altmışlık ve Bir Akçesi [A Sixty Piece and an Akçe of Şahin Giray Han]. *BültenTürkNumSoc* Vol. 23 (1987) pp. 20-22.

The author explains the tuğras of these coins.

(Ömer Diler)

406 METCALF, DAVID MICHAEL. Coinage of the Crusades and the Latin East: some new hoards and site finds. *NC* Vol. 147 (1987) pp. 84-105 illus.

An attempt to classify the earlier *Amalricus* deniers of the Latin Kingdom of Jerusalem (ca. 1167-1187) is based on the style of lettering, the detailing of the Holy Sepulchre design on the reverse, the general quality of the flans, die-alignment, average weight, and the occurrence of obols in the scheme of varieties. Three mint sequences are tentatively identified, based symptomatically on the shape of the letter A in the legends. A hoard found in excavations at Tell Jemmeh is described. It dates probably from the 1180s, and contains, as well as *Amalricus* deniers, one obole of Melgueil, and one denier of Le Puy.

A hoard from the Gritille excavations on the upper Euphrates is described. It consists of coins of Lucca and Valence, and after a review of the chronological evidence relating to the two types of coinage in question, a date in the 1140s or early 1150s is suggested.

A series of 86 stray finds from the vicinity of Caesarea, now in the kibbutz museum of Sdot Yam, is catalogued and discussed in relation to similar site finds from Acre.

(Author)

407 MUSHEGIAN, Kh.A. K registratsii Monetnykh Nakhodok v Armenii. *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 49-50. In Russian.

408 MUSHEGIAN, Kh.A. O Vneshnikh Sviasiakh Armenii Po Numizmaticheskim Dannym (S Antichnykh Vremen Do Mongol'skogo Iga). *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskome Muzeevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 64-66. In Russian.

409 NAĬMARK, A.I. Drevnie Monety iz Kum-Sovtana (Uzbekistan). *Vtoraia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 50-51. In Russian.

410 NASTICH, V.N. Uldzhaĭtimur—Neizvestnyi Zolotoordynskĭ Khan. *Novoe v Sovetskoĭ Numizmatike i Numizmaticheskome Muzeevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 80-82. In Russian.

411 ÖLÇER, CÜNEYT. Aydin Oğullarına Aid Değişik Bir Akçe [A Different Coin Belonging to Aydinoğulları]. *BültenTurkNumSoc* Vol. 24 (1988) p. 4.

The writer presents a new coin that is not included in his previously published book about the coins of Aydinoğulları Beglig.

(Omer Diler)

412 ÖLÇER, CÜNEYT. Bir Kaç Nakışlı Mangir [A Few Ornamented Copper Coins]. *BültenTürkNumSoc* Vol. 24 (1988) pp. 11-13 illus.

Five copper coins, minted in Amid and Ruha, are presented. (Ömer Diler)

413 ÖLÇER, CÜNEYT. Smithsonian (USA) Müzesinden Nadir Osmanlı Sikkeleri [Rare Ottoman Coins from Smithsonian Institution Museum]. *BültenTürkNumSoc* Vol. 24 (1988) pp. 5-8.

414 ÖLÇER, CÜNEYT. Sultan Mehmed III'e Aid Gence Sikkeleri [Gence Coins of Sultan Mehmed III]. *BültenTürkNumSoc* Vol. 23 (1987) pp. 4-5 illus.

The author presents one gold and 3 silver coins struck in Gence. (Ömer Diler)

415 ÖLÇER, CÜNEYT. 25 Kuruşluk Misir Altını ve Hikayesi [Egyptian Gold 25 Kuruş and Its History]. *BültenTürkNumSoc* Vol. 23 (1987) pp. 10-11.

The article presents a 25 kuruş gold, heretofore unseen, and known to be one of the three that have been sent to the Romanian King Charles as an anniversary present by the Khedive, along with 500, 100, and 500 kuruş gold pieces.

(Ömer Diler)

416 PESANT, R. The earliest type of Folles of Tancred of Antioch. *NCirc* Vol. 95 No. 9 (Nov. 1987) pp. 295-296 illus.

417 PINDER-WILSON, RALPH. Seals and Rings in Islam. *Islamic Rings and Gems: The Benjamin Zucker Collection*. (London, Philip Wilson Publishers Ltd. 1987) pp. 373-407 illus.

The importance of seals in Islamic culture and the role of seal engraving in the art of the Islamic world, including the relationship between seal engraving and coin die engraving, are discussed.

(Ömer Diler)

418 PROKISCH, BERNHARD. Die antiken iranischen Münzen des Oberösterreichischen Landesmuseums. *Jahrbuch des Oberösterreichischen Musealvereines (Gesellschaft für Landeskunde)* Vol. 132 Pt. 1 (Linz, 1987) pp. 7-37 illus.

Iranian coins (121 Arsacid, 8 Sassanid) from the Landesmuseum's Münzsammlung are shown in 1:1 photographs and are cited according to standard references (Sellwood, von Petrowicz, Wroth and Göbl).

(Lawrence Okamura)

419 ROMDHANE, BEN. Considérations sur le Mitqal maghrébin. *Africa* Vol. 9 (1985) pp. 251-257.

The author studies the monetary system of the Almohades in the Maghreb (12th-13th centuries). The monetary standard (mitqal) is the dinar weight, corresponding to 4.72 g (84 grains of barley) in place of 4.25 g (72 grains of barley). The first issues were in Marrakech.

(Pierre Salama)

420 ROTTER, G. Die Münzen des Umayyadischen Hauses in Buṣrā. *Berytus* Vol. 33 (1985).

The author publishes a catalogue of 3 Byzantine and 3 Arab (2 Umayyad and 1 Mamluk) coins, identifiable out of 11 coins found during the excavation of this southern Syrian site. (Arnold Spaer)

421 SAENZ-DIEZ, J.I. A new name on coins of Fas: Ma'n ben 'Abd al-'Aziz. *ONSN* No. 107 (July-Aug. 1987) illus.

The author publishes a dirhem of Fas, dated 390, bearing the name of the General Ma'n ibn 'Abd al-'Aziz, of the Tujibi family from Zaragoza. (Stan Goron)

422 SĀRI, S. Umayyad Dinars from Pella. *Newsletter of the Institute of Archaeology of Yarmūk University*. No. 5 (Jordan, Yarmūk University 1988).

423 SARYAN, LEVON A. Armenian Coinage Through the Centuries. *Ararat* Vol. 29 No. 1 (Winter 1988) (New Jersey, Armenian General Benevolent Union) pp. 35-40 illus.

424 SEARS, STUART. Sasanian-style Drahms from the Muslim Conquest of Sijistan. *ONSN* No. 112 (May-June 1988) pp. 7-8 illus.

The author discusses 3 varieties of drahm struck in Sijistan in the name of Yazdgard III, with RY 20 and the additional legend *bismillah*. (Stan Goron)

425 SEĬFEDDINI, M.A. and BABAI, P.G. Monetiye Klady, Naĭdennnye na Territorii Azerbaĭdzhana v. 1968-1983 godakh. *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 64-66. In Russian.

426 SHPENEVA, L.Iu. Novye Klady Mednykh Monet Khu - Nachala Khu 1 vv. iz Fergany. *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 66-68. In Russian.

427 SIMON, HERMANN. Der orientalische Münzfund von Belkow/Bielkowo 1802. *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 9-20 illus.

The author describes a hoard of 239 oriental coins buried after 938.

(Paul Arnold)

428 ZHUKOV, K.A. and SEVEROVA, M.B. Dve Serebrianye Monet Tiurkskikh Beev Anatoliĭskikh Ėmiratov Monteshe i Carukhan [Akche Ibrakhima Montesheglu i Akche Orkhana Sarukhanoglu] iz Kollektiĭ Gosudarstveĭiogo Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 17-18. In Russian.

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

General, Nos. 33, 35, 45, 46, 52, 58.
 Technology and Methodology, No. 114.
 Greek, Nos. 128, 192.
 Byzantine, No. 355.
 Eastern Europe and the Balkans, No. 749.
 Medals and Decorations, No. 887.
 Paper Money, Nos. 952, 953, 976.
 Tokens and Jetons, No. 1001.

INDIA

429 BARNER JENSEN, UNO. Trankebar blyks fra Christian den 4. [Lead Cash from Tranquebar Struck under Christian IV]. *NNUM* Vol. 3 (April 1988) pp. 46-61 illus.

The author discusses obverses, die-axes and weights of these coins, dividing them into different groups according to weight. He attempts to date these groups.

(Bengt E. Hovén)

430 GROENENDIJK, H.A. An eighth and sixteenth rupee of Farukhsiyar struck at Masulipatnam. *ONSN* No. 109 (Nov.-Dec. 1987) illus.

The author publishes the 2 coins, both dated 1126 H, RY 3. (Stan Goron)

431 HARDAKER, TERRY. Indian Punchmarked Forgeries. *ONSN* No. 111 (March-April 1988) illus.

The author publishes details of some modern silver and copper punchmarked forgeries. (Stan Goron)

432 KULKARNI, PRASHANT P. Amravati—An unnoticed mint of the Nizams of Hyderabad. *ONSN* No. 107 (July-Aug. 1987) illus.

The author publishes a rupee of 1240 H bearing the place name Amravati along with the usual Farkhunda Bunyad inscription. He also ascribes the rupees of 1238 H with the inscription *Maharaja* to the mint of Amravati. (Stan Goron)

433 KULKARNI, PRASHANT P. Interesting Native State Coins of India. *ONSN* No. 110 (Jan.-Feb. 1988) illus.

The author publishes a fractional mohur of Banida of Khande Rao; a mohur of Rewa struck by Vishwanath Singh; and a mohur of Daulet Rao Sindhia of Gwalior, dated 1215 H, RY 42. (Stan Goron)

434 LAUTZ, THOMAS. Plåtmynsfynd i Indien [A Hoard of Swedish

Plate Money Found in India]. *SNT* No. 1 (1988) pp. 4-8 illus. In Swedish.

The author provides information concerning an unusual find of ca. 60 Swedish copper plates, which were discovered at the harbor of Madras, India.

(Harald Nilsson)

435 LINGEN, JAN. A double rupee of Arkat. *ONSN* No. 109 (Nov.-Dec. 1987) illus.

The author publishes a double rupee issued by the Nawab Walajah Mohammed 'Ali Khan (AD 1751/95-1165-1209 H) in the name of the Moghul Emperor Shah 'Alam II in 1200 H, RY 27, and discusses the possible background to its issue.

(Stan Goron)

436 MITCHINER, M.B. The Mrohaung dynasty of Arakan: early coins with Persian legends only. *ONSN* No. 112 (April 1988) p. 4, 5 and 6 illus.

The author discusses the silver tankahs struck to the weight standard of the Bengal Sultanate by the dynasty founded by Naramaikhka (1430-34) and which ended in 1784 when overcome by the Burmese king Bodawpaya. A study based upon the coins found by Dr. Gear at Vesali is presented with illustrations.

(Stan Goron)

437 PUNSHI, Dr. S.K. A Rupee in the name of the Moghul Emperor Ahmed Shah Bahadur from Koilkunda. *ONSN* No. 108 (Sept.-Oct. 1987) illus.

The author publishes a rupee, dated 1166 H, with an *Alam Panah* couplet. The coin is ascribed to Koilkunda, a small town with an old fort in the Mahbubnagar district of Andhra Pradesh. It was subsequently suggested that the mintname was Golkonda and not Koilkunda.

(Stan Goron)

438 RHODES, N.G. An Eighteenth Century Bhutanese Rupee. *ONSN* No. 107 (1987) p. 6. illus.

A rupee struck to the standard of the British Murshidabad rupee, a unique specimen, is discussed.

(Kenneth MacKenzie)

439 SENIOR, R.C. Indo-Scythic and Indo-Parthian Coin Hoards. *ONSN* No. 107 (July-Aug. 1987) pp. 4-5.

The author tabulates the varieties of some 4,000 drachms of Azes II from the Mir Zakah hoard, and the contents of 3 other hoards of similar material from Mir Zakah, Chach and Taxila.

(Stan Goron)

440 SHAH, DILIP. A Half Anna of Aurangzeb. *ONSN* No. 108 (Sept.-Oct. 1987) pp. 4-5 illus.

The author publishes a 1/1 anna or 1/32 rupee from Lahore, dated 1109 H, RY 42.

(Stan Goron)

441 SHAH, DILIP. The Maratha rupees of Jabalpur. *ONSN* No. 110 (Jan.-Feb. 1988) illus.

The author publishes a type of Cuttack rupee with the regnal year written E1. This is similar to a mintmark mentioned by James Prinsep in his tables, which was said to be borne by coins struck at Jabalpur by Nana Ghatka. (Stan Goron)

442 VON KLEIST, CHRISTIAN-EWALD. Die frühen Münzen Nepals und die verwendeten Metalle. *Westfalia Numismatica* 1988. *Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 52-61 illus.

Twelve different early Nepalese coins of the Lichavi and the Thakuri dynasties have been analyzed for their composition of metals. Some coins contain almost as much lead as copper, while for another coin a very high percentage of iron could be demonstrated. In addition, 3 further magnetic coins of this special type were found. (Author)

FAR EAST

443 CASERIA, JEFF. Rebel leaders and the Ming Dynasty. *WCN* (3 May 1988) pp. 14-19 illus.

A survey, covering the years ca. 1630-1650, of the principal Ming rebels, their politico-military activities, and their coinages is presented. (Joseph E. Boling)

444 CH'EN, HUNG HSI. *Wan Ch'ien Chi* [Collection of Curio Coins]. (T'aichung, Taiwan, The Author 1987) 344 pp. illus. In Chinese with an English abstract.

1,456 rubbings of primarily Chinese amulets and charms, mostly in the shape of coins, including some of the ancient Chinese coin types, are presented. The collection is grouped according to putative age, with the replicas of ancient pieces first, followed by the modern pieces subdivided according to the stroke count of the initial character in the primary inscription. (Joseph E. Boling)

445 CRESSWELL, OLIVER D. The Bullet coinage of Siam. Part IV. *NCirc* Vol. 95 No. 6 (July 1987) pp. 186-187; Part V. *NCirc* Vol. 95 No. 8 (Oct. 1987) pp. 254-255 illus.; Part VI. *NCirc* Vol. 95 No. 9 (Nov. 1987) pp. 292-294.

446 CRIBB, JOE. Nezumikin—a group of Japanese coin imitations. *SNR* Vol. 66 (1987) pp. 205-216 illus.

A series of fantasies, some of which closely resemble pre-Meiji coinage, is described. The author concludes that they were emitted by a limited number of factories and were not intended to be counterfeits, but were probably amuletic. The author names them *nezumikin* (rat gold) because of the recurring use of a rat in the iconography. (Joseph E. Boling)

447 GALLOWAY, ALBERT. What's in a legend: Understanding the legends on Vietnam/Annam coins. *WCN* (29 Sept. 1987) pp. 11, 14, 16 and 18 illus.

Amuletic inscriptions on Annamese precious-metal coins are transliterated into Chinese (and many into Vietnamese) and translated into English. The Schroeder numbers of coins, which bear each inscription, are given. *(Joseph E. Boling)*

448 HUBEI PROVINCIAL MUSEUM AND YUNXIAN MUSEUM. Hubei Yunxian Tang Li Hui, Yan Wan Mu Fajue Jianbao [Brief Report on the Tang Dynasty Li Hui and Yan Wan Tombs Excavated]. *Wenwu* Vol. 8 (1987) pp. 30-42.

The following coins were found buried with the dead: 4 "Kaiyuan Tongbao" and 2 small copper cash in Li Hui's tomb and 2 "Kaiyuan Tongbao" in Yan Wan's tomb. Li Hui was a grandson of Emperor Tai Zhong (627-650) of Tang. He died in 683. Yan Wan was the concubine of Li Tai, 3rd son of Tang Tai Zhong, she died in 690. *(Rose Chan Houston)*

449 KROMANN, ANNE and JENSEN, JØRGEN STEEN. William Bramsens japanesiske mønter [The Japanese Coins of William Bramsen]. *Nationalmuseets Arbejdsmark* 1987. (Copenhagen, 1987) pp. 143-154 illus. English summary.

The authors give a description of the Danish 19th century Japanologist W. Bramsen and his collection of Japanese coins; Bramsen lived for 10 years in Japan collecting coins and cataloguing them. He also did some research in the fields of chronology, metrology and coin history. *(Bengt E. Hovén)*

450 LI, CONGXI. Hubei Qichun Xian Luozhou Cheng Cun Faxian Songdai Jin Shoushi [Song Dynasty Gold Jewelry Discovered in Luozhou Cheng Village in Qichun County, Hubei]. *Wenwu* Vol. 11 (1987) pp. 1051-1052.

Three gold plates were found in a pottery jar along with 47 other gold jewelry pieces. The plates have the following stamps: (1) Shi fen chi jin stamped in the middle and Shi fen jin inscribed on either end; (2) Zhou wu lang ji stamped on one end; and, (3) Deng qi pu ji stamped on it. The group of gold jewelry, unearthed in 1985, was probably buried in time of strife, ca. 1221, during the reign of Song Emperor Jia Ding. *(Rose Chan Houston)*

451 MIKOŁAJCZYK, ANDRZEJ. Numizmatyczne odkrycia nad Oceanem Spokojnym i Indyjskim [Numismatic Discoveries in the Pacific and Indian Oceans]. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 165-169 illus. English summary.

The hoards of the Spanish-American silver coins found in the Chinese province Fukien, in Mombasa, on Ceylon and the shipwrecks, which contain coins from Europe, are discussed as examples of the global monetary movements in the 17th and 18th centuries. *(Author)*

452 MITCHINER, M.B. Base Metal 'Symbolic' Coins from Burma, made after AD 1782. *ONSN* No. 110 (Jan-Feb. 1988) pp. 6-7 illus.

The author discusses various types of 'coins' in greyish metal, recently in the west from Rangoon, where they were apparently readily available. The pieces seem to be late imitations of different classical prototypes. (Stan Goron)

453 NANJING BOWUGUAN. Jiangsu Yizheng Yandaishan Han Mu [A Han Dynasty Tomb (Unearthed) in Yandaishan, Yizheng County, Jiangsu Province]. *Kaogu Xuebao* Vol. 4 (1987) pp. 471-501.

Nine Wu Zhu coins were found in a tomb along with over 400 other artifacts. Judging from the style of inscriptions on the coins, 2 of them seem to belong to Han Wu Di and the other 7 to Han Zhao Di and Han Xuan Di. Since Wu Zhu coins were first issued in 118 BC and the last year of Xuan Di's reign is 49 BC, the first 2 Wu Zhu must be issued between 118-86 BC and the other 7 between 86-48 BC. This tomb had been robbed, but over 400 artifacts still remained in it. It is the tomb of an aristocratic couple of the Western Han dynasty, judging from the richness of its burial objects. The husband and wife were buried together. (Rose Chan Houston)

454 PIERATT, JOHN L. A Puzzling Coin from French Indo-China. *ONSN* No. 107 (July-Aug. 1987) illus.

The author publishes an enigmatic zinc coin of 24 mm diameter, bearing the letters RF on one side and 4 Chinese characters on the other. (Stan Goron)

455 RHODES, N.G. A Japanese Pattern Multiple Cash. *ONSN* No. 112 (May-June 1988) p. 8 illus.

The author publishes a crudely cast multiple cash, weighing 49.7 g, possibly of the Keio era (AD 1865-7). (Stan Goron)

456 RHODES, N.G. An 18th Century Bhutanese Rupee. *ONSN* No. 107 (July-Aug. 1987) illus.

The author publishes a silver coin of usual Bhutanese type but of full rupee weight, 11.66 g, the standard of the British Murshidabad rupee. (Stan Goron)

457 RHODES, N.G. Pattern Kwangtung Cash Struck in Birmingham. *ONSN* No. 107 (July-Aug. 1987) illus.

The author publishes a pattern or trial piece bearing 2 obverse legends, from 2 different dies. It is presumed to originate from the Birmingham Mint in 1888. (Stan Goron)

458 RITCHIE, CARSON I.A. Chinese charms. *WCN* (23 Feb. 1988) pp. 14, 16, 20 and 22 illus.

Chinese coin-charms, coins with inscriptions which could be interpreted as amulets, and methods of using and wearing such pieces are discussed. (Joseph E. Boling)

459 ROSE, F.M. *Chopmarks*. (Dallas, Numismatics International 1987) 54 pp. illus.

A detailed presentation of hundreds of chop marks from pieces in the author's collection is given. A historical and economic background, including official uses of chops, and a discussion of identification and meanings of individual characters used as chops are presented. The body of the presentations is divided geographically with a special section on China.
(Joseph E. Boling)

460 SHEIN, R.V. Denezhnoe Obrashchenie v Mongolii s 80-Kh gg. XVIII v. Do 80-Kh gg. XX v. Monety Mongol'skoĭ Narodnoĭ Respubliki. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 50-51. In Russian.

461 VAN AELST, Dr. A. Japanese Coins in Southern Vietnam and the Dutch East India Company, 1633-1638. *ONSN* No. 109 (Nov.-Dec. 1987) p. 6.

The author tabulates and die links various types of Japanese coins used by the Dutch East India Company in trade with the southern part of Vietnam (Quang-Nam).
(Stan Goron)

462 WILFORD, K.D. A Lead Baleseal of Penang. *NCirc* Vol. 95 No. 9 (Nov. 1987) p. 294 illus.

463 WRIGHT, RICHARD. The Szechuan Military Dollar—A Major Variety? *ONSN* No. 104 (Jan.-Feb. 1987) illus.

The author discusses a variety of the dollar produced by the Szechuan military government from 1912 until the 1930s. The variety may be a way of differentiating between coins from the mints of Chengtu and Chungking.
(Stan Goron)

464 XU, WENJU. Zhejiang Yiwu chutu 'Longfeng Qi nian' Tongquan ['Longfeng 7th Year' copper weight unearthed in Yiwu county, Zhejiang province]. *Wenwu* Vol. 9 (1987) p. 93.

In August 1977 a copper weight was unearthed from a meter below ground; 7.2 cm high, weighing 373.5 grams, it is inscribed in Gai shu on both front and back with "Longfeng 7th year."
(Rose Chan Houston)

465 YAN, JINZHU. Shanxi Ji Xian Chutu Jindai Tong Fama [A Jin Dynasty Copper Weight Unearthed in Ji County, Shanxi Province]. *Wenwu* Vol. 11 (1987) p. 92.

A Jin dynasty (1115-1234) copper weight was discovered in early 1985 inside a ceramic drum-belly jar. Besides the line and floral designs all over it, the top surface is inscribed with "5 liang" and the bottom with "yu zi". This is the first such find in Ji Xian. It resembles the "100 liang" copper weight found in Beijing in 1978 which was identified as belonging to Jin.
(Rose Chan Houston)

466 YIH, Dr. T.D. An aberrant dating of a Southern Sung Cash. *ONSN* No. 107 (July-Aug. 1987) illus.

The author publishes a 2-cash coin of the Shun Yu period (AD 1241-52) with an unusual positioning of the year indication. *(Stan Goron)*

467 ZHANG, LONGHAI AND LI, JIAN. Qi Guo Gucheng chutu yitao 'Shu Zi Tong Qian' [A Series of 'Number Copper Coins' Discovered in an Ancient Town of the State of Qi]. *Wenwu* Vol. 9 (1987) p. 24.

In 1975 in Linzi, Shandong, a series of 21 copper cash coins with numbers on them was found. The numbers ran 1 to 23, lacking only 16 and 22. All the coins have a rim, measuring 4-3.5 cm in diameter, weighing 11-13 grams each except for no. 4 which weighs 8.1 grams. All have blank reverses. Although these coins have numbers of them, they do not represent any known mint or currency system. They are obviously not for general circulation. A batch of 20 such coins had been found in a Western Han tomb in Mancheng, Hebei. Hence, these too could be from the Han dynasty and they could have been the "Xingle qian" used within the palace or the "Jiuling qian." *(Rose Chan Houston)*

468 ZHANG, XIUFU. Hebei Pingquanxian Yangzhangzi cun faxian Han mu [A Han Dynasty Tomb Discovered in Yangzhangzi Village, Pingquan County, Hebei Province]. *Wenwu* Vol. 9 (1987) pp. 84-86.

Buried alongside the body, 154 cash coins (mostly Wuzhu) were found. 124 of them were strung up in 3 strings placed by the right side of the head of the body. 15 of them were found to the left of the head and another 15 on the abdomen. There were 2 Wuzhu that had been clipped and 1 "Da Quan Wu Shi." *(Rose Chan Houston)*

469 ZHENG YONGQING. Zhejiang Tongtouxian Faxian Yipi Songdai Yinqi [A Batch of Song Dynasty Silver Utensils Discovered in Tongtouxian County, Zhejiang]. *Wenwu* Vol. 11 (1987) p. 1046.

The fishermen from a village in Tongtouxian county, Zhejiang province, discovered in 1985 a procelain container in which was a batch of Song dynasty silver utensils. Among them were 1 fundo-shaped silver ding (ingot)—both surfaces had beehive-like marks on them. The silver bar is tile-shaped—one surface is flat and the other is curved. This batch of silver utensils is datable to the Song dynasty because most of the artifacts share characteristics with similar items unearthed in other areas and have been dated definitely to that period. For example, the silver ding was exactly the same as the one unearthed in 1978 in Fufeng. *(Rose Chan Houston)*

For additional references to the numismatics of the Far East, see the following abstracts:

General, Nos. 49, 57.

United States of America, No. 776.

Medals and Decorations, No. 934.

Primitive Money, No. 944.

AFRICA—MEDIEVAL AND MODERN

470 DRUART, JACQUES. Les Belges à Tabora. *Vie num* Vol. 38 (June 1988) pp. 160-161 illus.

The story of the Belgian attack on German East Africa and the city of Tabora (Tanzania) during the First World War is given together with a short comment on the German coins struck in that city. (Johan van Heesch)

471 GORNUNG, M.B. Natsional'no-osvoboditel'naia Bor'ba v Simvolike i Legendakh Monet Nezavisimyykh Stran Afriki (1950-1980-e gg.). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoy Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) p. 49. In Russian.

472 KOUAME, LAZARE N. African Monetary Zones and the Strength of UMOA—West African CFA Franc. *IBNS* Vol. 26 No. 4 (Dec. 1987) pp. 108-110 illus.

The composition of 7 African monetary zones is given, with emphasis on the Francophone zones. The history of the Union Monétaire Ouest Africaine (UMOA) is detailed. The author concludes that nations which withdraw from such monetary unions "because sovereignty or prestige is at stake must also learn ... that unity makes strength." (Joseph E. Boling)

473 REIKAT, ANDREA. Mali unter Kaiser Mansa Musa—Wirtschaft und Geld in Westafrika im 14. Jahrhundert. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 62-65.

The export of gold from Mali during the 14th century and the exchange media in that country itself are treated. (Peter Ilisch)

474 SCHIENERL, PETER W. Herkules im Sudan. Die Verwandlungen eines Münzbildes von Augustin Dupré. *GN* Vol. 22 No. 122 (1987) pp. 269-272 illus.

Imitations of the French 5-Francs with the Hercules design by A. Dupré produced as ornament by silversmiths in the Sudan are presented. (Peter Ilisch)

For additional references to the numismatics of Africa, see the following abstract:

General, No 57.

EUROPE—MEDIEVAL AND MODERN GREAT BRITAIN AND IRELAND

475 AMSTELL, MARGARET. Katharine of Aragon or Katharine Howard? *SCMB* No. 824 (Oct. 1987) pp. 269-270.

The author discusses the date of a Henry VIII crown of the Double Rose (Seaby 2276) and suggests that it refers to Katharine Howard. (Edward Besly)

476 BATESON, J.D. and MAYHEW, N.J. *Sylloge of Coins of the British Isles 35: Scottish Coins in the Ashmolean Museum, Oxford, and the Hunterian Museum, Glasgow.* (Oxford and London, 1987) 249 pp. illus.

477 BESLY, EDWARD. *English Civil War Coin Hoards.* (London, British Museum Occasional Papers No. 51, 1987) 118 pp. illus.

Thirteen recently discovered or previously unpublished hoards of the English Civil War (1642-49) are listed and discussed. The author publishes an inventory of 223 hoards of the period 1625-1660 and discusses the light they shed on the coinage and currency of 17th century England and Wales. (Author)

478 BIDDLE, MARTIN *et al.* Coins of the Anglo-Saxon period from Repton, Derbyshire: II. *BNJ* Vol. 56 (1986) pp. 16-34 illus.

The authors publish and discuss 9 further coins found during excavations in 1985-86 at the Anglo-Saxon monastery and Viking fortress at Repton. [For the 1974-84 finds, see Biddle *et al.* in Blackburn, M.A.S. (editor), *Anglo-Saxon Monetary History*, 1986 (NL 118-488)]. Hugh Pagan discusses a parcel of 5 pennies of the 870s discovered in a grave; and a single penny of Alfred. D.M. Metcalf publishes a new variety of sceat related to series J (type 36 with reverse of type 85). Christopher Blunt publishes a Stanford penny of Harold I and a cut farthing of Edward the Confessor's small flan type. Martin Biddle and Birthe Khølbye-Biddle discuss the archaeological and historical significance of the Repton coin finds. Biddle contributes a note on a denier of Pepin the Short from Dorset, a recent find complementing an example from the Repton excavations. (Edward Besly)

479 BISPHAM, J. Recent metal detector finds from Essex and Lincolnshire. *BNJ* Vol. 56 (1986) pp. 183-185 illus.

The author publishes a Merovingian gold tremissis (Prou type 184-92) found near Southminster, Essex, and 16 Anglo-Saxon and Norman silver coins. (Edward Besly)

480 BLACKBURN, M.A.S. and BONSER, M.J. Single Finds of Anglo-Saxon and Norman Coins - 3. *BNJ* Vol. 56 (1986) pp. 64-101 illus.

The authors publish 66 coins from a single site in south Cambridgeshire near Royston and a further 73 from other sites in Britain. The latter include a denier

of Louis the Pious, 2 German denars (10th-11th centuries), an 11th century Sicilian gold 1/4 dinar and an 'Abbāsidid silver dirhem of AD 890-92.

(Edward Besly)

481 BOON, GEORGE C. A second penny in the name of John from the Wenallt find. *NCirc* Vol. 95 No. 8 (Oct. 1987) p. 253.

482 BRAND, JOHN D. A Glimpse of the currency in 1295, Part I. *NCirc* Vol. 95 No. 7 (Sept. 1987) pp. 215-216; Part II. *NCirc* Vol. 95 No. 8 (Oct. 1987) pp. 251-253 illus.

The examination of coin payments for lightweight and counterfeit money in late 13th century England, evidenced by the roll of the clerk of the "King's New Customs" at Newcastle-on-Tyne in 1295-7.

(Edward Besly)

483 CARPENTER, DAVID. Gold and Gold Coins in England in the mid-Thirteenth Century. *NC* Vol. 147 (1987) pp. 106-113 illus.

This article summarizes the process whereby King Henry III collected large amounts of gold between 1243 and 1258 and shows how this is the background to the king's gold coinage of 1257. The article also presents new evidence about the gold content in bezants, augustales and money of Murcia, and suggests that 35 bullae were made for Henry III's son Edmund as king of Sicily.

(Author)

484 DAVENPORT, JOHN S. A Curious Parallel in English History. *NI* Vol. 15 No. 9 (Sept. 1981) pp. 263-265 illus.

A comparison of events in the 17th century with some in the 20th century is undertaken. Specifically studied is when a Duke of York with two daughters succeeded his brother in both centuries. In the 17th century both daughters followed their father as queens; in the 20th century only one.

(Author)

485 DAVENPORT, JOHN S. What's in a Title? *NI* Vol. 16 No. 4 (April 1982) pp. 101-104 illus.

A discussion of the changes in the English royal family when George V in the midst of WWI created the House of Windsor. The Battenberg family changed its name to Mountbatten. The Teck family abandoned their ducal title to take English ones. The dukes of Cumberland and Albany, who had become German citizens, lost their English titles. A genealogical table traces the ancestry of recent family members.

(Author)

486 FREEMAN, ANTHONY. *The Moneyer and the Mint in the reign of Edward the Confessor, 1042-1066*. 2 Vols. BAR British Series, No. 145. (Oxford, 1985) 582 pp. illus.

487 GRAHAM-CAMPBELL, JAMES. The re-provenancing of a Viking-Age hoard to the Thames near Deptford (S.E. London). *BNJ* Vol. 56 (1986) pp. 186-187 illus.

A silver arm-ring of Scandinavian Viking-age type in the Ashmolean Museum, found with 2 coins of Edward and Athelstan, previously published as having been found in Ireland is re-provenanced to 'the Thames, near Deptford,' deposited ca. 935(?), on the basis of its identification in the 1888 sale of the Londesborough collection. The whereabouts of the coins is not known. (Author)

488 GRIERSON, PHILIP. *The Monetary System under William I. Domesday Book: Studies*. (London, Alecto Historical Editions 1987) pp. 75-79.

The 900th anniversary of Domesday Book saw the publication of a sumptuous facsimile edition, in color, of the work, accompanied by a folio volume of studies by various authors dealing with the volume itself and the society it described. The one by Grierson on the monetary system includes a table of mints and moneyers and a full index of all references to these in the text. (Author)

489 HARRIS, E.J. Important Norman coins in the Kose hoard. *SCMB* No. 826 (Dec. 1987) pp. 345-346.

490 HARRIS, E.J. The halfpence and farthings of Edward I, II and III. *NCirc* Vol. 95 No. 9 (Nov. 1987) pp. 287-291 illus.

491 HARRIS, E.J. The halfpence and farthings of Richard II. *NCirc* Vol. 95 No. 10 (Dec. 1987) p. 325 illus.

492 HARRIS, E.J. The Moneyers of the Norman kings and the types they are known to have struck. Part 22. *SCMB* No. 822 (July/Aug. 1987) pp. 188-190; Part 23. *SCMB* No. 824 (Oct. 1987) pp. 270-272; Part 24. *SCMB* No. 825 (Nov. 1987) pp. 306-308; Part 25. *SCMB* No. 826 (Dec. 1987) pp. 342-345.

493 KENNY, MICHAEL. A hoard of Irish coins of John, found in France. *NCirc* Vol. 95 No. 7 (Sept. 1987) p. 219.

494 KLUGE, BERND. *Sylloge of Coins of the British Isles 36: State Museum Berlin Coin Cabinet, Anglo-Saxon, Anglo-Norman, and Hiberno-Norse Coins*. (Oxford and London, 1987) 183 pp. illus.

495 LIPS, H. Les Maundy Money, monnaies d'une tradition de charité. *Vie num* Vol. 38 (June 1988) pp. 143-150 illus.

Concise history of the British Maundy-Money, small silver coins distributed to the poor by the King or the Queen on Maundy Thursday is given. (Johan van Heesch)

496 LIPS, H. Vigo et Lima. *Vie num* Vol. 38 (1988) pp. 35-40 illus.

The capture by a British fleet of gold and silver from the Americas in 1702 in

the Spanish port of Vigo, chosen by way of precaution instead of Cadiz by the Spanish authorities, and in a second case, in 1743/44, in Lima is remembered. British coins were struck with the name VIGO under the bust of Queen Anne in 1703 and LIMA under that of George II in 1746. (Paul Naster)

497 MAYHEW, NICHOLAS and VINER, DAVID. A Civil War Coin hoard from Weston-sub-Edge, Gloucestershire. *TransBristolGloucestershireArchaeolSoc* Vol. 105 (1987) pp. 213-222 illus.

A hoard of 2 gold and 307 silver coins buried in 1643 is discussed in the context of the military and economic situation of the times. (Edward Besly)

498 METCALF, D.M. A penny life will give you all the facts. *NC* Vol. 147 (1987) pp. 184-188.

The evidence for central organization of moneyers in the reign of Edward the Confessor (1042-1066), argued by A. Freeman in a recent monograph, is submitted to critical scrutiny and found to be of doubtful validity. (Author)

499 METCALF, DAVID MICHAEL and NORTHOVER, JEREMY PETER. Interpreting the alloy of the later Anglo-Saxon Coinage. *BNJ* Vol. 56 (1986) pp. 35-63 illus.

Analyses of some 230 late Anglo-Saxon pennies by electron probe micro-analysis at Oxford University's Department of Metallurgy show that the coins minted immediately before Eadgar's reform of the coinage in ca. 973 were very debased, and that a major aspect of the reform was the reintroduction of a coinage of exceptionally pure silver. The authors test the theory that the alloy, like the weight, of the coins might have varied during each sexennial validity-period, and they are able to reject it. They show that different mints operated consistently to slightly different alloy-standards, even though the coins were all certainly equal in face value. They suggest that moneyers were given their instructions in terms related to the 'traditional standard of purity' (something like modern sterling silver)—which silversmiths in different towns understood differently. The authors demonstrate that the gold traces in the coinage did not become homogenized as a result of the periodic recoinages, and they suggest that this should be explained by reference to inflows of bullion from the Continent of Europe and outflows to Scandinavia. They discuss the diffusion of Rammelsberg silver in relation to changes in the gold trace levels, and suggest that new metal from the Harz mountain mines may have begun to reach England between 975 and 980. (Author)

500 METCALF, DAVID MICHAEL. Some finds of thrymsas and sceattas in England. *BNJ* Vol. 56 (1986) pp. 1-15 illus.

Twelve short notes recording some recent finds of 7th and 8th century coins from the lower Thames valley, from north Essex, and from various other localities in southern England. The new coins prompt some general reflections, among which are the following points: 1) 8th century London may have been where the West End now is, rather than in the area of the City, but the coin finds at present known from the London area stretch for many miles along both banks of the River Thames, and

show that trade was not confined to the *wic*; 2) sceattas of Series S (the 'female centaur type') are localized in and around Essex, and were presumably minted for the East Saxon kings; 3) Series G is too widely dispersed in England to have its origin in any particular region of England in the early stages of the sceatta currency: it is probably Continental, but in any case is not, as previously claimed, from Sussex; 4) the 'interlace' design of Type 52 is the common factor in an eclectic series of scarce, often imitative varieties; and, 5) a corpus of Series Z counts 11 specimens, and shows a localization in East Anglia/Essex. (Author)

501 MUKHA, M.V. Dve redkie irlandskie monety 1601 g. v sobranii Gosudarstvennogo Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 25-26. In Russian.

502 NUTBOURNE, E.R. Patterns of ugliness—unclipped gems of 1651. *NCirc* Vol. 95 No. 9 (Nov. 1987) pp. 291-292.

Commonwealth patterns of 1651 by Blondeau and Ramage are discussed.

(Edward Besly)

503 SEABY, PETER. The defaced pennies of Stephen from Sussex mints. *BNJ* Vol. 56 (1986) pp. 102-107 illus.

As a supplement to his 1980 paper (*BNJ* Vol. 50) the author discusses 3 defaced pennies of Chichester, Hastings and Steyning, suggesting that these also were issued at the time of the Interdict of 1148, and tentatively attributes another defaced penny of 'Wiht' to Carisbrooke, Isle of Wight. (Author)

504 STEVENSON, R.B.K. The Anglo-Saxon silver penny and its context, Copper alloy coins (with P.H. Robinson), Votive coins deposited between 1600 and 1800 in Orkney and elsewhere. In C.D. Morris and N. Emery, The chapel and enclosure on the Brough of Deerness, Orkney: survey and excavations, 1975-1977. *Proc Soc Antiq Scot* Vol. 116 (1986) pp. 301-374 at pp. 339-345.

The author lists and interprets the excavated coins. The Anglo-Saxon coin is of Eadgar (959-75), *BMC* Type I. (Edward Besly)

505 STEWART, IAN. A Solidus from Yorkshire. *BNJ* Vol. 56 (1986) pp. 182-183 illus.

An imitative Louis the Pious solidus found at Stamford Bridge adds to the growing list of British finds of this type. (Author)

506 STEWART, IAN. Trefoil-marked Portcullis groats of Henry VIII. *BNJ* Vol. 56 (1986) pp. 189-190 illus.

A third portcullis groat of Henry VIII with trefoil in the reverse cross-ends is

published, and obverse dies with portcullis over T (Tournai) are discussed.

(Author)

507 SYMONS, D. A new moneyer for Henry I, type XI. *BNJ* Vol. 56 (1986) pp. 188-189 illus.

A recently-found penny of Henry I, of the rare 'Double Inscription' type by the London moneyer Theodoric, is published.

(Edward Besly)

508 WALLACE, SHAUN S. The Bank of England and the Spanish Dollars. *CNJ* Vol. 33 No. 4 (April 1988) pp. 159-162 illus.

The monetary crisis in England at the time of the Napoleonic Wars is briefly discussed. The countermark of George III impressed on the neck of the Spanish king depicted on Spanish dollars ensured their legality.

(Candace Carter)

509 WEBB-WARE, T.G. The Farthings of Henry VIII. *NCirc* Vol. 95 No. 7 (Sept. 1987) p. 218 illus.

510 WILLEY, R.C. The Copper Coinage of the British Isles. *CNJ* Vol. 33 No. 2 (Feb. 1988) pp. 56-62 illus.

A brief history of the English copper coinage and the Canadian coinage is given.

(Candace Carter)

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

General, No. 30.

Roman, No. 267.

Western and Central Europe, Nos. 523, 528, 558, 575, 641.

Mexico, Central and South America, No. 792.

Medals and Decorations, Nos. 814, 920.

Paper Money, No. 955.

Tokens and Jetons, Nos. 998, 1016, 1017, 1018.

WESTERN AND CENTRAL EUROPE

511 AERTS, ERIK and VAN CAUWENBERGHE, EDDY. Organisatie en techniek van de muntfabricage in de Zuidelijke Nederlanden tijdens het Ancien Régime [Organization and Technique of Coinage in the Southern Low Countries During the Ancien Regime]. *JEGMP* (1987) pp. 7-144 illus.

Attention is devoted to the staff and manpower in the mints, the methods of preparation and control of the alloy and blanks, the manufacture and use of the dies, new machinery and mintpress (the first in 1686), the weight of the coins and the weight systems, and the alloy.

(Paul Naster)

512 AERTS, ERIK and CAUWENBERGHE, EDDY VAN. Organisation und Technik der Münzherstellung in den Südlichen Niederlanden während des Ancien Régime. *Die historischen Metrologie in den Wissenschaften or Sachüberlieferung und Geschichte, Siegener Abhandlungen zur Entwicklung der materiellen Kultur* Vol. 3. (St. Katharinen, Scripta Mercaturae Verlag 1986) pp. 338-415 illus.

The organization of mints, minting techniques and the efforts to mechanize the mints during the 17th century in Brabant and Flanders from the 14th to 18th century are discussed. (Peter Ilisch)

513 ALBRECHT, THORSTEN. Die beabsichtigte Kupfermünzprägung unter Graf Philipp Ernst von Schaumburg-Lippe. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13. (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 93-97 illus.

Archival sources reveal that the county of Schaumburg-Lippe in 1783 had planned a copper coinage, which, however, was never implemented. (Peter Ilisch)

514 ARNOLD, PAUL. Meissnisch-böhmische Wechselbeziehungen auf monetärem Gebiet in der 1. Hälfte des 13. Jahrhunderts. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 221-225. ISBN 3-922451-04-7.

A conformity of the types on Bohemian and Meissen bracteates struck between 1225 and 1250 is suggested by the author. The question of a Bohemian-Meissen monetary union is discussed and the beginning of the striking of bracteates in Bohemia ca. 1210 is questioned. (Paul Arnold)

515 ARNOLD, THOMAS. Der Übergang von der Brakteaten- zur Hohlpfenningprägung in Nordhausen. *Jahrbuch des Arbeitskreises Thüringer Münz- und Geldgeschichte* (1985) (or *NH* No. 33) pp. 5-11.

The transition from the coining of the bracteates to the striking of the hohlpfennig in the 14th century is discussed. (Paul Arnold)

516 BATRINA, LIA and BATRINA, A. Un sigiliu de postav descoperit la Curtea de Argeș-mărturie a relațiilor comerciale ale Țării Românești în sec. XV [A Seal for Thick Cloth Discovered at Curtea de Argeș—Testimony of the Trade Relations of Walachia in the 15th Century]. *StudComunPitești* (1987) pp. 50-54.

During archaeological excavations in 1979 at Curtea de Argeș a lead seal for thick cloth from Tournai (Belgium) was found—one side had a lily flower and the legend of the issuing town and the other side a triangular shield. The seal dates from the end of the 14th century to the beginning of the 15th century.

(Constantin Preda)

517 BENDIXEN, KIRSTEN. Nyere danske fund af merovingiske, karolngiske og aeldre danske mønter. *Commentationes Numismaticae 1988.*

Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht. (Hamburg, 1988) pp. 37-50 illus. ISBN 3-922451-04-7.

Merovingian, Carolingian and early Danish coins found in Denmark since 1950 are discussed. A detailed catalogue of the Carolingian and Danish coins, including numismatic and archaeological data, is given. (Peter Ilisch)

518 BERGHAUS, PETER. Der Münzfund von Pronstorf, Kr. Segeberg. Vergraben nach 1036, entdeckt 1737. *Commentationes Numismaticae* 1988. *Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 169-175 illus. ISBN 3-922451-04-7.

In 1737 in Pronstorf/Holstein a hoard, buried after 1036, was discovered, which stimulated the academic-historic interest of H. Scholze (1696-1769). His publications not only contain some comments on the hoards, but also some illustrations which make it possible to reconstruct the composition of 43 coins of the hoards from all parts of Germany. (Peter Ilisch)

519 BERGHAUS, PETER. Ergänzungen zur Dortmunder Talerprägung. *Westfalia Numismatica* 1988. *Schriftenreihe der Münzfreunde Minden* No. 13. (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 70-75 illus.

Thalers of the city of Dortmund with the names of Karl V and Leopold I, including some unpublished ones, are treated. (Peter Ilisch)

520 BERGHAUS, PETER. Mecklenburg in Calcutta. *GN* Vol. 22 No. 122 (1987) pp. 288-289 illus.

West European gold coins (Venice, Hungary and Mecklenburg-Schwerin, Ducate 1639) in the Calcutta (India) museum are presented. (Peter Ilisch)

521 BOMMEREZ, R. Le trésor de Mont-St-Aubert. *Vie num* Vol. 38 (1988) pp. 87-90.

The inventory of a hoard of 301 silver coins, discovered at a farm in Mont-St-Aubert, near Tournai, Belgium, is given. The latest coin is dated to 1722; the others are from the 17th and early 18th centuries. 160 are from the southern Netherlands, 136 from France, 2 of Liège, 3 of the northern Netherlands. (Paul Naster)

522 BOST, J.-P., CHAVES, F., DEPEYROT, G., HIERNARD, J., and RICHARD, J.-C. *Belo, IV, Les Monnaies*. Vol. 6 (Madrid, Casa de Velazquez 1987) 216 pp. illus.

The authors study the monetary circulation in Belo, a municipality of Tarifa, province of Cadiz, based on the 1,906 coins found during the excavations. (Leandre Villaronga)

523 BRAND, J.D. Mint Accounts and Alloys. *NCirc* Vol. 95 No. 6 (July 1987) pp. 179-182.

The conclusion of the author's reinterpretation of the Limoges mint accounts

1365-66 (Cf. *NL* 119-549) is published.

(Edward Besly)

524 BREKKE, B.F. and BERGLUND, A. Danish Denning. *JRNS* Vol. 11 (Summer 1983) pp. 17-36 illus.

Following a history of the origin, issuance and use of Danish imitations of Russian wire kopecks early in the 17th century, a catalogue of the various dies is presented, along with die linkages.

(Randolph Zander)

525 BRINKMAN, WERNER. Überlegungen zur zeitlichen Einordnung der Münzprägung Engelberts III. von der Mark 1347-1391. *Westfalia Numismatica* 1988. *Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 33-35 illus.

Some aspects of the chronology of the coinage from the Unna mint of the counts of Mark during the 14th century are discussed.

(Peter Ilisch)

526 BURNETT, A.M. A Provençal Solidus from Hawkwell, Essex. *NC* Vol. 147 (1987) pp. 182-183 illus.

527 CATALLI, FIORENZO. *Le monete. Materiali del Museo Archeologico Nazionale di Tarquinia* Vol. 10. (Rome, G. Bretschneider, *Archaeologica* 69, 1987) 119 pp. illus.

The author publishes the complete numismatic material in the National Archaeological Museum of Tarquinia. In the appendix is presented the hoard dating to the end of the 14th century, excavated near the church of S. Maria of Castello in the same city, comprising almost 400 coins of the medieval period.

(Andrea Carignani)

528 CHOWN, JOHN. Some Continental imitations of late Saxon and early Norman Coins. *NCirc* Vol. 95 No. 7 (Sept. 1987) pp. 220-221 illus.

529 CIPOLLA, CARLO M. *La moneta a Milano nel Quattrocento. Monetazione argentea e svalutazione secolare. Studi e materiali* 1. (Rome, Istituto Italiano di Numismatica 1988) 67 pp. illus.

In-depth and intricate research on the silver coinage and notes circulating in Milan in the 15th century is published. After a quick survey of the sources, the author discusses the monetary policies of the dukes of Milan, based on expedient theories in order to reduce the real value of money compared with the denomination (*rimedio* and *trabuchamento*), in order to define the cost of the metal, the minting and, finally, the application of a tax on production. In the second part of the work, however, are analyzed the various stages of the devaluation which concerned the silver coinage of Milan in this period and the international reactions to their associates.

(Andrea Carignani)

530 CIPOLLA, CARLO M. *Saggi di storia economica e sociale*. (Bologna,

Società editrice Il Mulino 1988) 484 pp. ISBN 88-15-01907-3.

A reprint of 32 of the author's articles on a variety of topics in social and economic history, including several on the coinage of the Dark Ages and Italian cities (Genoa, Florence) is published. Those published originally in French or English are translated into Italian, and there is a bibliography, ostensibly but not in fact complete, of the author's writings. (Philip Grierson)

531 CROISÉ, ROGER and LINK, RENÉ. *La législation monétaire du Grand-Duché de Luxembourg de 1815 à nos jours. Recueil des textes.* [Die Währungsgesetzgebung des Grossherzogtums Luxemburg von 1815 bis heute. Textsammlung]. *Cahiers numismatiques luxembourgeois* Vol. 3 (Luxembourg, Lux-Numis 1988) 640 pp. illus.

A complete collection of all official documents (more than 500) concerning the monetary history of the Grand-Duchy of Luxembourg from 1815 until the present day is reproduced from the original prints, many both in French and German. The documents are grouped by subject under 12 headings, generally comprising several subdivisions. Two additional chapters concern the monetary personalities (13) and the bibliography (14). Examples of the coins and paper money concerned are illustrated. (Raymond Weiller)

532 CRUSAFONT I SABATER, M. Consecuencias de dos hallazgos de monedas catalano-carolingias de transición. *Mélanges offerts au Docteur J.-B. Colbert de Beaulieu.* (Paris, Le Léopard d'Or 1987) pp. 227-234 illus.

The author studies and publishes all the significant conclusions of the hoard (4 denarii and 2 obols of Carolingian type) found in Catalonia. (Leandre Villaronga)

533 CRUSAFONT I SABATER, M. El veritable real d'argent de Jaume II de Mallorca. *Cercle* Vol. 1 (Dec. 1987) pp. 22-23 illus.

The difference between the reals of James I and James II, based on a paleographic study, is published. (Leandre Villaronga)

534 DALLE VEGRE, A., VAJNA, E., and MARTINI, R. Milano, via Larga. Ripostiglio di monete e contraffazioni di zecche dell'Italia settentrionale del XVI secolo. *BollNum* Vol. 8 (1987) pp. 174-177 illus.

The author examines the hoard, comprising 23- or 24,000 coins, discovered in Milan in the Via Larga. The hoard, containing numerous counterfeits, is dated ca. 1597-1598. (Andrea Carignani)

535 DANNENBERG, HANS-DIETER. Über einen alten Fund brandenburgischer Denare und seltene Münzen Albrechts II. von Brandenburg (1186-1220). *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 35-40 illus.

The author reconstructs the denar hoard of Treskow, deposited in 1824 near Neuruppin. (Paul Arnold)

536 DAVENPORT, JOHN S. *Princes and the Palatinate*. *WCN* Vol. 13 No. 44 (28 Oct. 1986) pp. 12-20 illus.

An examination of the Wittelsbach family in both Bavaria and the Palatinate and their successes in acquiring church offices—individuals frequently holding as many as 5 or 6 bishoprics or abbeys simultaneously—is made. 2 maps and 2 genealogical tables are included. (Author)

537 DAVENPORT, JOHN S. *The Coinage of the Ernestine and Minor Albertine Saxon Duchies*. (Coral Gables, FL, The Author 1988) 90 pp. illus.

A synoptic record of the coinage by 49 charts, 7 genealogical tables, 13 pages of illustrations, and a map of the many duchies spawned after the division of Saxony in 1485 is published. (Author)

538 DAVENPORT, JOHN S. *The Sede Vacante Talers of the Holy Roman Empire*. *NI* Vol. 18 No. 8 (Aug. 1984) pp. 233-240 illus.

The various coins issued by the electors of the HRE during the periods between the death of one emperor and the election of his successor are discussed. (Author)

539 DAVENPORT, JOHN S. *The Talers of Silesia*. (Coconut Grove, FL, The Author 1987) 89 pp. illus.

A catalogue of all the thalers issued by the Hapsburg and the Hohenzollern rulers in parts of the duchy, as well as dukes, counts, cities, and ecclesiastical rulers from 1541-1816, is published. A map and bibliography are included. (Author)

540 DAVENPORT, JOHN S. *The Talers or Écus of Alsace-Lorraine*. (Coral Gables, FL, The Author 1986) 68 pp. illus.

A catalogue of all the dollar-size coins issued by the Hapsburgs in Alsace, the Dukes of Lorraine, counts, cities and ecclesiastical rulers is published. A map, bibliography and valuations are published. (Author)

541 DEMEY, JEAN. *Zeldzame of nog niet gepubliceerde munten van de Nederlanden* [Rare or Unpublished Coins of the Low Countries]. *JEGMP* (1987) pp. 151-156 illus.

Thirty coins, ranging from the 10th to the 17th century, with new varieties of type or date are catalogued. (Paul Naster)

542 DENGIS, JEAN-LUC. *A propos des frappes Sede Vacante de la Principauté épiscopale de Liège*. *Vie num* Vol. 37 (1987) pp. 230-231.

Some remarks are published concerning an archival document of the second half of the 18th century, in which the chapter on the cathedral of Liège, during a sede vacante period, recounts and describes how much the moneyers had to pay for blanks for ducats, ecus and escalins. This sede vacante period must have occurred in 1744, at the earliest, or later in 1763, 1771, 1784 or 1792. (Paul Naster)

543 DENGIS, JEAN-LUC. Le trésor de Grand-Halleux IV. *RBN* Vol. 133 (1987) pp. 196-200.

In 1956 a fourth hoard was discovered at Grand-Halleux (province Luxemburg, Belgium). The catalogue lists 3 gold coins and 138 large silver coins, mostly of Louis XV and Louis XVI, and only 5 of the Low Countries. (Paul Naster)

544 DENGIS, JEAN-LUC. Localisation de l'atelier monétaire de Herstal. *Vie num* Vol. 37 (1987) pp. 262-264 illus.

Archival documents of the 15th century, which already correlated the mint at Herstal (Belgium) with the place Rogivaulx (located in 3 different places) are discussed. The mint itself was active from the beginning of the 12th to the mid-14th century. (Paul Naster)

545 DENGIS, JEAN-LUC. Un trésor de faux. *Vie num* Vol. 38 (1988) pp. 45-46.

A small hoard of 13 forgeries (5 thalers of Prussia with the mintmark of Berlin, and 8 Austrian crowns with the mintmark of Günzburg, 1799) was discovered in a little bag on a roof at Wielh, Kreis Obergisch, West Germany. (Paul Arnold)

546 DOMINGO SELLART, F. Els diners de Banyoles de Felip II. *Cercle* Vol. 1 (Dec. 1987) pp. 24-29 illus.

The study and the arrangement, resulting in 3 types and 40 varieties, are published. (Leandre Villaronga)

547 EKRE, RUNE. Nya märkliga myntningsfynd i Lödöse [New Remarkable Mint Finds at Lödöse]. *SNT* No. 2 (1988) pp. 28-31 illus.

The excavations at Lödöse (near Gothenburg, Sweden) have since 1963 yielded finds of coin impressions on leather, used as a support layer for the striking of bracteates. The author describes new finds of this type, found in 1987, which show impressions of Swedish bracteates of the 12th century. (Ulla Westermarck)

548 ERZMANN, HUBERT. Das ausschweifende Leben des Saalfelder Münzmeisters Gregor Einkorn. *NumBeitr* Vol. 20 No. 3 (1987) pp. 132-133.

The author publishes previously unknown archival material. (Paul Arnold)

549 FATIA VITAL, N. II. Vintens de esfera da Oficina Monetaria do Porto. *Moeda* Vol. 12 No. 5 (Sept.-Oct. 1987) pp. 134-139.

The continuation of the study is published. (See *NL* 119-615.) The individual features of the mint are presented. (Leandre Villaronga)

550 FILIPOW, KRZYSZTOF. Mennictwo Wielkiego Księstwa Litewskiego XV-XVIII w. [Mintage of the Great Duchy of Lithuania 15th-18th Centuries]. *Pieniądz i mennictwo Wielkiego Księstwa Litewskiego*

(Białystok, Polish Archaeological and Numismatic Society 1987) pp. 7-21 illus.

The author discusses the numismatic material and mint edicts, frequently quoted as the basis for the presentation of the minting activity in the Great Duchy of Lithuania in late and post-medieval period, particularly after 1580 when the Polish and Lithuanian monetary systems were unified.
(*Andrzej Mikołajczyk*)

551 FLEMMING, HERMANN and IHLENFELDT, HENNING. Informationen zur Mecklenburg-Strelitzer Münzgeschichte, 2. Teil. *NH* No. 34 (Neubrandenburg 1987) pp. 45-61.

The authors discuss the gold coinage of Duke Adolph Freidrich III, the 2/3 and 1/6 thaler, dating from 1745 to 1752.
(*Paul Arnold*)

552 FRANKE, SIEGFRIED. Zur Tätigkeit des Uhrmachers Johann Heinrich Berg als Münzmeister der Stadt Rostock. *NH* No. 35 (Rostock 1987) pp. 4-9.

Berg's position as the coin master of Rostock between 1744 and 1762 is treated.
(*Paul Arnold*)

553 FRÈRE, HUBERT. Evaluations des monnaies de Liège. *BullInstArchLiégeois* Vol. 98 (1986) pp. 193-201.

The author gives a list of the legal values of the coins of Liège (Belgium) at the moment of their emission and their currency during the 13th-18th centuries.
(*Paul Naster*)

554 GEIGER, HANS-ULRICH. Ad limina apostolorum. Züricher Halbbrakteaten in Rom. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 177-184 illus. ISBN 3-922451-04-7.

In excavations below Saint Peter's in Rome and in a hoard from St. Paul Outside the Walls in Rome numerous pfennigs of Zürich from ca. 1050-1150 were found. Some of them the author describes. A variety only known from finds in Rome attributed to Basel by Wielandt is put into the context of coins from Zürich.

(*Peter Ilisch*)

555 GELICHI, SAURO. Cesenatico (Forli). Porto-canale. Gruzzolo di monete dei secoli XVI e XVII. *Archeologia subacquea* Vol. 3 *BA* Suppl. (1986) pp. 13-14 illus.

Thirty silver Spanish coins (struck in the Milan mint) and Venetian coins, from a hoard found in 1981 in the porto-canale of Cesenatico and then largely dispersed, are discussed. The coins in the Antiquarium belong to the period between 1578 and 1646.
(*Andrea Carignani*)

556 GHYSSENS, JOSEPH. Les doubles gros "leliaert" de Philippe le Hardi. *CENB* Vol. 24 No. 4 (Oct.-Dec. 1987) pp. 94-95 illus.

The double groat of Philip the Bold with 2 escutcheons and **FLANDES** above them and with a point above the L and above that of **FLANDRIA** on the reverse is discussed.
(Paul Naster)

557 GHYSSENS, JOSEPH. Les trésors d'Aalbeke et d'Asper. *RBN* Vol. 133 (1987) pp. 109-120 illus.

Two hoards of Flanders, Belgium, previously described in 1978 (*NL* 102-882 and *NL* 101-720) are reconsidered, especially the lion groats of Louis de Male (Gaillard 219) for the years 1346 to 1364.
(Paul Naster)

558 GHYSSENS, JOSEPH. Un petit trésor de monnaies flamandes. *RBN* Vol. 133 (1987) pp. 193-195.

A small hoard of the 14th century with 13 Flemish and 2 English coins, probably from French Flanders, is described.
(Paul Naster)

559 GHYSSENS, JOSEPH. Vragen bij de munten van Ieper onder Filips van de Elzas (1168-91) en Robrecht van Bethune (1305-22) [Questions Relating to the Coins of Ieper under Philip of Alsace and Robert of Bethune]. *JEGMP* (1987) pp. 157-158.

Problems about the value of pennies of these reigns, especially at Ieper, are examined.
(Paul Naster)

560 GOMES, A. *Moedas Portuguesas 1128-1988*. (Lisbon, 1987) 513 pp.

The author discusses the coinage struck on the continent, adjacent islands and overseas territories. In total there are discussed 9,800 pieces, of which 4,500 are illustrated, including actual value.
(Leandre Villaronga)

561 GRENDI, EDOARDO. Falsa monetazione e strutture monetarie degli scambi nella Repubblica di Genova fra il Cinque e il Seicento. *Quaderni Storici* Vol. 22 No. 3 (Bologna, Il Mulino 1987) pp. 803-838.

The Genoan criminal documents between 1580 and 1650 document the various social classes which may have been involved with the forging and clipping of coins and the spending of debased coinage. Other problems considered are: (1) the diverse circulation of the various coined metals; (2) the circulation of the small foreign coins; (3) the theory of coinage-merchandise (namely, barter); (4) the various methods of forging; and, (5) the legal prosecution of forgers.
(Sara Sorda)

562 GROSSKOPF, HEINZ. Aus der Münzgeschichte der Uckermark. *NH* No. 34 (Neubrandenburg 1987) pp. 21-27.

The author discusses the monetary history of the uckermark beginning in 1520 in Pommeria and then in Brandenburg.
(Paul Arnold)

563 HENDRICKX, M. L'évêque Jean de Heinsberg fit-il frapper des brûlés à Weert, dans la seigneurie de Hornes? *Vie num* Vol. 38 (April-May 1988) pp. 107-108 illus.

A rather worn coin struck in Weert (Limburg, The Netherlands) might, with some reservations, be attributed to Jean de Heinsberg, bishop of Liège (1419-1455).

(Johan van Heesch)

564 HENRIK, ISTVAN. Three Munich Olympic Doubled Die Varieties. *CNJ* Vol. 33 No. 1 (Jan. 1988) pp. 14-22 illus.

The author discusses a 10-mark Olympic piece, which was initially discussed in *Error Variety News*, May 1985, depicting the double-struck image of the Schleife, the symbol of the Munich Olympic Games.

(Candace Carter)

565 HOUTMAN-DE SMEDT, H. Ongeveer een eeuw muntchaos in de Zuidelijke Nederlanden na 1648 [About One Century of Coin Chaos in the Southern Netherlands After 1648]. *Bankieren in Brabant* (Tilburg, The Netherlands, H. van den Eerenbeemt 1987) pp. 79-89.

After the treaty of peace of Munster, Westphalia, the currency was chaotic for approximately one century in the southern Netherlands. This situation is described.

(Paul Naster)

566 HYÖTYNIEMI, YRJÖ. Penningen i Visby 1333 [The Visby Penny in 1333]. *NNUM* No. 2 (1988) pp. 29-32 illus.

Proceeding from a passage by Petrus Gervasius, the author proves convincingly that in 1333 the standard silver content of the Visby penny was 75.8% and its weight 0.135 g.

(Ulla Westermarck)

567 IHL, HEINRICH. Der Apostel Andreas auf Münzen des Edelherrn Bernhard VII. zur Lippe. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 36-40 illus.

Saint Andrew, shown on some coins of the nobleman Bernhard VII of Lippe (ca. 1511), is shown to have been chosen to be on the coins as a personal protector. A comparison is made with the Bernhard's tomb which also depicts St. Andrew.

(Peter Ilisch)

568 ILISCH, PETER. A propos des imitations mosanes des deniers de Cologne du Xe siècle. *RBN* Vol. 133 (1987) pp. 103-107 illus.

The 10th century pennies of Cologne have been imitated in several countries. Legends and weights of some coins which could have been struck in Liege and in St. Trond are discussed.

(Paul Naster)

569 ILISCH, PETER. Die Dortmunder Münzprägung um 1014. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 125-140 illus. ISBN 3-922451-04-7.

The small cross coinage of Heinrich II in Dortmund as king and as emperor is discussed and analyzed with respect to the dies used.

(Author)

570 ILISCH, PETER. Gros tournois d'imitation frappés en Allemagne du Nord. *RN 6th Series*, Vol. 29 (1987) pp. 109-117 illus.

Die analysis of a hoard buried after 1350 in northern Germany lead to a tentative attribution of Oldenburg of a group of imitative gros tournois closely following the French originals. It is stressed that such an imitative striking without any special mint signs was not an isolated phenomena. Detailed study of hoards may lead to the discovery of further imitative series hitherto included in the French series.

(Author)

571 ILISCH, PETER. Gustav von Sayn-Wittgenstein-Hohenstein mynt-präglings i Stettin i Svenska Pommern 1689-1691 [The Minting under Count Gustav von Sayn-Wittgenstein-Hohenstein in Stettin in Swedish Pomerania During the Years 1689-1691]. *SNT* Vol. 2 (March 1988) pp. 32-37 illus.

The author describes the coinage in Stettin during the years 1689-91 and the problems concomitant with it.

(Bengt E. Hovén)

572 ILISCH, PETER. Tysk, nordisk eller slavisk? En gruppe møntimitationer fra 1000-tallet [German, Scandinavian or Slavonian? A Group of Coin Imitations from the 11th Century]. *NNUM* No. 1 (1988) pp. 9-14 illus. In Danish.

A series of imitations is discussed mainly as to their mints. The author rules out the German mints, believing that a Scandinavian or Scandinavian/Slavonic mint location is more likely.

(Bengt E. Hovén)

573 ILISCH, PETER. Zu den Kupfermünzen der Stadt Paderborn von 1622. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 76-80 illus.

The details of the issue of copper coinage by the city of Paderborn, struck in 1622/23, are revealed.

(Author)

574 JENSEN, JØRGEN STEEN. Fundet af tyske brakteater ved Kämpinge i Skåne (1848), Skånemarkedet og det skånske oprør mod Absalon 1180. *NNUM* No. 3 (1988) pp. 62-63.

In this commentary to B. Kluge's publication of a hoard of German bracteates found at Kämpinge, Scania, in 1848, [See *NL* 115-497], the author shows convincingly that the hoard was probably buried in connection with the upheaval against the Archbishop Absalon in 1180.

(Ulla Westermarck)

575 JONSSON, KENNETH. *The New Era. The Reformation of the Late Anglo-Saxon Coinage.* Commentationes de nummis saeculorum IX-XI in Suecia repertis. New Series 1. (Stockholm, 1987) 267 pp. illus.

The author analyzes the background to the immediate results of the reform of Edgar in ca. 973, in this work which was a doctoral thesis. The author suggests a chronological and regional division of the pre-reform coinage of Edgar. The reform,

which broke the prevailing regional pattern and created a national coinage, is seen as part of a political program aiming at a centralization of the government in England.

(Author)

576 KAHNT, HELMUT. Falsche Wismarer Gegenstempel von 1715. *NH* No. 35 (Rostock 1987) pp. 35-37.

The forged counterstamps of Wismar, dated 1715, are discussed. (Paul Arnold)

577 KISS, ISTVÁN. Der Zusammenhang von Edelmetall, Inflation und Kaufkraft. *Sachüberlieferung und Geschichte, Siegener Abhandlungen zur Entwicklung der materiellen Kultur*. Vol. 3 (St. Katharinen, Scripta Mercaturae Verlag 1986) pp. 201-212.

The relative importance of the amount of coinage struck, the import of precious metal and money of account for inflation are discussed, with special attention to Hungary between the 16th and 18th centuries. (Peter Ilisch)

578 KLUGE, BERND. Deutsche Brakteaten des 12. Jahrhunderts aus dem Fund von Kämpinge in Schweden 1848. *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 21-34 illus.

The author discusses a part of the unpublished German bracteates of the 12th century which belong to the Swedish hoard of Kämpinge. (Paul Arnold)

579 KLUGE, BERND. Die Berliner Talerprägung unter Kurfürst Georg Wilhelm (1619-1640). *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 59-67 illus.

The author discusses the coining of the thalers in the Berlin mint under the Elector Georg Wilhelm of Brandenburg. (Paul Arnold)

580 KLUGE, BERND and ISERMANN, PETRA. Die 1985 im Münzkabinett Berlin bearbeiteten Münzfunde. *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 75-87.

Four German coin hoards dating to the 15th/16th, 16th/17th and 17th/18th centuries are discussed. (Paul Arnold)

581 KLUGE, BERND. Ein Hohenzollernsches Münzkabinett: Die grosse Talerkanne Christian Lieberkühns d.Ä. *Forschungen und Berichte* Vol. 26 (1987) (Berlin, Staatliche Museen zu Berlin) pp. 129-146.

The author discusses the origin and function of the large thalerkanne and describes the known coinage. (Paul Arnold)

582 KLUGE, BERND. "Hatz I/Dbg. 1164." Eine Stempeluntersuchung zu den Otto-Adelheid-Pfennigen vom Kopftyp. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht*. (Hamburg, 1988) pp. 103-124 illus. ISBN 3-922451-04-7.

Coins of an unknown mint in northern Germany struck in the name of Otto III

and his grandmother Adelheid depicting the king's head are analyzed with respect to their dies and chronology. Some remarks are made about the possible origins of the whole group. (Peter Ilisch)

583 KLÜSSENDORF, NIKLOT. Der Münzschatz von Allendorf a.d. Landsburg (1828). Ein Beitrag zum spätmittelalterlichen Groschenumlauf in Hessen. *Commentationes Numismaticae. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 297-306.

A medieval hoard containing 118 silver coins was discovered in Allendorf an der Landsburg (Hesse) in 1828. The hoard, buried ca. 1412/1430, contained 7 gros tournois (France: 6; Rhenish imitation: 1), 61 Prague groats, 10 Meissen groats, 7 pennies and hellers, 19 groats, not identified by type, were counterstamped (Lippstadt or Lemgo, Fritslar, Warburg, Korbach). From a monetary point of view, Hesse was influenced by the Western (Rhenish) development under the rule of French gros tournois, and by the Eastern circulation of Prague and Meissen groats. The general discussion refers to the representation of these coins both in hoards and in the ledgers from the surrounding regions of Hesse. (Author)

584 KUNZEL, MICHAEL. Güstrow, Rostock oder Wismar? Zum Neubeginn der Münzprägung im Herzogtum Mecklenburg-Güstrow nach dem 30jährigen Krieg. *NH* No. 35 (Rostock 1987) pp. 17-22, 27-34.

The author describes in detail the reopening of the mint of Mecklenburg-Güstrow after the 30 Years War. (Paul Arnold)

585 KUNZEL, MICHAEL. Joachim (Jochim) Frahme, Münzmeister im Herzogtum Mecklenburg-Schwerin. *NH* No. 35 (Rostock 1987) pp. 42-44.

The author discusses the mintmaster Joachim Frahme from Gadebusch. (Paul Arnold)

586 KUNZEL, MICHAEL. Münzmeister und Chronologie der undatierten Rostocker Sechslinge des 16. Jahrhunderts. *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 45-58 illus.

The author discusses the Rostock mintmaster and the chronology of the undated Rostock sechslinge of the 16th century. (Paul Arnold)

587 KUNZEL, MICHAEL. Zum Münzwesen Albrechts von Wallenstein in Mecklenburg 1628 bis 1630. *NumBeitr* Vol. 20 No. 4 (1987) pp. 146-155.

The author discusses heretofore unpublished archival material concerning the coin system of Mecklenburg under Albrecht of Wallenstein. (Paul Arnold)

588 *La numismatique au siècle des lumières 1683-1794.* Europalia 87 Österreich. Exposition Charleroi, Banque Nationale, 24 septembre-8 novembre 1987. (Brussels, Banque Nationale de Belgique 1987) 544 pp. illus.

This very rich catalogue was also published in Dutch: *De Aufklärung in munt en medaille 1683-1794*. [Europalia 87 Österreich. Tentoonstelling Brugge, Nationale Bank, 19 november 1987 - 3 januari 1988. 544 pp.] This exhibition, essentially of coins and medals from the coin cabinet of the Kunsthistorisches Museum, Vienna, ranges from the Emperor Leopold I to Francis II. Nearly 300 Austrian coins and 300 medals and jetons, of which many are from the Austrian Southern Netherlands, and most of very great historical significance, are described in detail and illustrated.

(Paul Naster)

589 LAUERWALD, PAUL. Die Kipper-Zwölfkreuzer-Prägungen des Herzogs Friedrich Ulrich von Braunschweig-Wolfenbüttel aus der Grafschaft Hohnstein. *JMünzGeldThüringens* (1987) (Or NH No. 33) pp. 49-52.

The kipper 12-kreuzer of Archduke Friedrich Ulrich for the duchy of Hohnstein is discussed.

(Paul Arnold)

590 LAUERWALD, PAUL. Die Nordhäuser Münzprägung von 1660. *Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen*. No. 12 (Meyenburg, Museum Nordhausen 1987) pp. 35-37.

Following a discussion of the monetary history of the imperial city, the author discusses the coinage of Nordhäuser struck from 1660.

(Paul Arnold)

591 LAUERWALD, PAUL. Noch einmal zum Vorkommen Heiligenstädter Groschen in Münzfunden und in ihrer Gegenstempelung. *NumBeitr* Vol. 20 No. 3 (1987) pp. 134-136.

The author discusses the presence of Heiligenstadt groats in coin finds.

(Paul Arnold)

592 LHOMME, D. Ernest de Bavière, prince-évêque de Liège 1581-1612. *Vie num* Vol. 38 (1988) pp. 81-85 illus.

The history of the coin emissions of Ernest of Bavaria is summarized.

(Paul Naster)

593 LHOMME, D. Pour quelques petites pièces... *Vie num* Vol. 38 (June 1988) pp. 157-158.

The author publishes some prices and wages relating to the prince-bishopric of Liège in the 17th century.

(Johan van Heesch)

594 LINK, EBERHARD. Wieso eigentlich "Zwittertaler"? Zum Mainzer "Clerfayt-Taler" von 1795. *GN* Vol. 22 No. 122 (1987) pp. 264-268 illus.

An unusual, almost medallic, thaler featuring the reconquest of Mainz from French revolutionary troops by imperial Austrian troops in 1795 is discussed.

(Peter Ilisch)

595 MALMER, BRITA. Zwei Stempelketten skandinavischer Long-Cross-Nachahmungen. *Commentationes Numismaticae* 1988. Festgabe für Gert und Vera

Hatz zum 4. Januar 1988 dargebracht. (Hamburg, 1988) pp. 81-87 illus. ISBN 3-922451-04-7.

Starting with 2 coins from the Näs hoard imitating the Anglo-Saxon long-cross coinage, 2 die-chains are established—one attributed to southern Scandinavia, probably Lund, and the other to northern Scandinavia, probably Sigtuna. The technological and metrological contrasts between the two groups are discussed.

(Peter Ilisch)

596 MANNUCCI, FRANCESCO. Sulle monete di Pietro d'Aubusson Gran Maestro dei Cavalieri di San Giovanni a Rodi (1476-1503). *NumAnt-Clas* Vol. 16 (1987) pp. 293-301 illus.

The author reviews the gold and silver coinage struck in the course of the last quarter of the 16th century in the mint of Rhodes under the Great Master of the Order of St. John, Peter of Aubusson. These issues immediately preceding the Ottoman conquest are rare. The author summarizes the various denominations (florin, ducat, giannetto, lira, marcello, denar, asper, etc.), which may be reconstructed into 2 distinct monetary systems: Venetian and Rhodian.

(Andrea Carignani)

597 MARTIN, GERHARD. Siegmund Dannies, ein Münzmeister des ausgehenden 17. Jahrhunderts. *Berliner Numismatische Forschungen.* (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 69-74 illus.

The author discusses in the introduction the work of the mintmaster Dannies during the second half of the 17th century in the Electorate of Saxony and Brandenburg-Prussia.

(Paul Arnold)

598 MARTINI, RODOLFO, CHIARAVALLE, MAILA, and TORCOLI, BRUNO. *Le zecche minori del Piemonte. Catalogo delle Civiche Raccolte Numismatiche de Milano.* (Milan, Comune di Milano 1987) 102 pp. illus.

The authors publish the coinage struck in the medieval and modern mints of Piedmont in the collection of the Brera and the Comune of Milan. (Andrea Carignani)

599 MATEU Y LLOPIS, F. Las acuñaciones de Arbeca y la Casa de Cardona. Notas heráldicas. *GacNum* Vol. 88 (1988) pp. 33-35.

600 MELNIKOVA, A.S. Russkie Monety Pervoi Chetverti XVI v. v Zapiskakh Sigizmunda Gerbershteina (Po Dannym Novykh Kladov XV - Nachala XVI vv. v Sobranii Otdela Numizmatiki Gosudarstvennogo Istopicheskogo Muzeia). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii.* Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 71-72. In Russian.

601 MIKOŁAJCZYK, ANDRZEJ. Portugały i kontakty portugalsko-polskie w XVI-XVII w. [Portugueses and the Portuguese-Polish Contacts

in the 16th-17th Centuries]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 94-98 illus. English summary.

The Polish gold portugueses and half-portugueses issued in the 16th and 17th centuries in numerous mints are presented against the contemporary Polish-Portuguese commercial relations.
(Author)

602 MIKOŁAJCZYK, ANDRZEJ. *Zapomniana średniowieczna mennica w Wieluniu* [The Forgotten Medieval Mint in Wieluń]. *Wieluńska Biblioteka Regionalna* No. 10 (Wieluń, Regional Museum in Wieluń 1987) 16 pp. illus.

The author discusses the mint founded in the early 1370s by Władysław, prince of Opole, dignitary of Louis d'Anjou as the King of Poland. The only remains are the rare denarii displaying the Eagle and municipal coat of arms, inscribed **MONETA WELVNES DVCIS LADISLAI**. These coins are studied in the metrological and typological context of the late medieval Polish coinage.
(Author)

603 MIŁOSZ, BOGDAN. *Znalezisko numizmatyczne z Bielakoa, gm. Sianów* [Numismatic Finds from Bielaków, County Sianów]. *Koszalińskie Zeszyty Muzealne* Vol. 15 (1985, publ. 1987) pp. 117-119 illus.

The Prussian 1/3 thaler, 1800, presumably used as the foundation coin in the wooden hut, constructed in 1839, was found while demolishing this house in Bielaków, Pomerania.
(Andrzej Mikołajczyk)

604 MOLVÖGIN, ARKADI. *Die Tieler Münzen in den estnischen Schatzfunden des 11. Jahrhunderts. Commentationes Numismatiae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 141-149. ISBN 3-922451-04-7.

The 11th century coinage of Tiel is traced in Estonian hoards. The highest number is found in hoards from the third quarter of the 11th century. The distribution in Estonia is compared to that in Sweden.
(Peter Ilisch)

605 Monedas Hispanicas 1475-1598. *Sala de Esposiciones del Banco de España*, 1987. V Centenario del descubrimiento de América. 222 pp.

As a complement to the exhibition of the quincentary of the discovery of America, this book was published with the collaboration of G. Anes, T. Tortella, F. Mateu y Llopis and J. Cayón. Included in the catalogue of the show are documented coins, paintings and objects.
(Leandre Villaronga)

606 MROWIŃSKI, EUGENIUSZ. *Monogram ks. Jakuba Kurlandzkiego* [Monogram of Duke Jakub of Courland]. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 179-183 illus. English summary.

The monogram visible on the Courland shilling of Jakub Kettler (1638-1682) from 1662 is discussed. In the author's opinion it reads **IH**, i.e. Jacob Herzog.
(Andrzej Mikołajczyk)

- 607 MROWIŃSKI, EUGENIUSZ.** Znak swastyki na denarze Mieszka I [Mark of a Swastika on the Denar of Mieszko I]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 89-94 illus. English summary.

The mark of the swastika, which was depicted on the first Polish denarii struck by Mieszko I (ca. 960-992), is discussed. (Andrzej Mikołajczyk)

- 608 MUELLER, REINHOLD C.** I banchi locali a Venezia nel tardo Medioevo. *Studi Storici* Vol. 28 No. 1 (Rome, Istituto Gramsci 1987) pp. 145-155.

A brief survey of the Venetian "banchi di scritta" is published. The local banker is seen in relation to other trade merchants and the development of both the bank of deposit and the cash bank are shown. The utility of the cash bank is then treated, on the basis of evidence on the payment system in effect at the Rialto. The organization of the banks and their function in daily life are considered. (Sara Sorda)

- 609 Musée Numismatique Joseph Puig.** *Les Pallofes du diocèse d'Elna.* (Ville de Perpignan, Dec. 1987) 80 pp.

A catalogue of the lead pieces and "pallofes" of the diocese of Elna, with abundant documentation, is published. (Leandre Villaronga)

- 610 NEF, CLAUDE.** Une "quatre mites" inédite du Hainaut. *Vie num* Vol. 37 (1987) pp. 221-222 illus.

A four mites coin of John IV, count of Hainault (Belgium), struck in Valenciennes (northern France) is published and briefly discussed in relation to the background of other similar coins, of which only a few are known. (Paul Naster)

- 611 NIVAILLE, JEAN.** Les abeilles dans les monnaies et médailles napoléoniennes. *Vie num* Vol. 37 (1987) pp. 233-243 illus.

In the reign of Napoleon the bee appears on coins only as a mintmaster mark in Lyon from 1803 until 1823 and as a mintmark in Utrecht; more are represented on several medals, and still more on tokens. During the reign of Napoleon III they appear on several medals and on one token. (Paul Naster)

- 612 NOLLOMONT, LUC.** La trouvaille d'Utrecht. *Vie num* Vol. 37 (1987) pp. 224-226 illus.

A hoard of 81 gold coins (ca. 1400) was found in Utrecht (The Netherlands) in 1986. Already published in the catalogue of Münzcentrum by P. Arent, the hoard is briefly reexamined here. (Paul Naster)

- 613 NOLLOMONT, LUC.** Saint-Marin, monnayage de 1987. *Vie num* Vol. 37 (1987) pp. 247-248.

Remarks are given on the 10 values of the last coinage at San Marino, which have been replaced in the monetary history of that republic since 1864. (Paul Naster)

614 OBDENBUSCH, AXEL. Die Münzpolitik des Direktoriums: La loi du 3 brumaire an 5. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13. (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 104-108 illus.

The monetary policy of the French government following the law of the 3rd Brumaire year 5 (24 October 1796) is surveyed with special emphasis on the overstriking. (Peter Ilisch)

615 OLDING, MANFRED. Die preussischen Goldmünzengewichte aus der Zeit von 1786-1871. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 98-103 illus.

Prussian weights for gold coinage issued between 1787 and 1857 are catalogued and described. (Peter Ilisch)

616 OSSMANN, FELIX HERBERT. Ein unedierter Goldgulden des Herzogs Wilhelm von Berg 1360-1408. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 29-32 illus.

An unknown gold guilder of Hungarian type struck for Duke William of Berg (1360-1408) in Mülheim is discussed. (Peter Ilisch)

617 ÖSTERGREN, MAJVOR. Vikingatida silverskatt från Sälle i Fröjel socken, Gotland [A Viking Age Hoard från Sälle, Fröjel parish, Gotland]. *SNT* No. 1 (1988) pp. 18-19 illus.

A preliminary report on a large silver hoard, containing silver bullion and ca. 1,000 coins, is given. Of special interest are the approximately 100 Scandinavian imitations, of which the majority are struck on square flans. (Ulla Westermark)

618 PINIŃSKI, JERZY. Grosze czeskie: obieg na terenie Korony i Wielkiego Księstwa Litewskiego—podobieństwa i różnice [Bohemian grossi: circulation in the territory of the Crown and the Great Duchy of Lithuania—similarities and differences]. *Pieniądz i mennictwo Wielkiego Księstwa Litewskiego* (Białystok, Polish Archaeological and Numismatic Society 1987) pp. 37-44.

The Bohemian grossi made their way to the Polish Crown lands in the early 14th century, but in the Great Duchy of Lithuania they arrived a century later when the state united politically and economically with the Crown of the Polish kingdom. (Andrzej Mikolajczyk)

619 PITSAER, A. Classement des liards liégeois de Jean Théodore de Bavière. *Vie num* Vol. 38 (1988) pp. 3-15 illus.

The iconographical and typological details of some 12 liards of the mid-18th century are discussed in detail. (Paul Naster)

620 POTIN, VSJEVOLOD M. Einige Seltene deutsche Münzen aus dem Fund von Vichmjaz'. *Commentationes Numismaticae. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 151-155 illus.

Nine rare German coin types from the Vichmjaz' hoard, deposited after 1079, are presented. (Peter Ilisch)

621 RAGOGNA, M. Reperti numismatici. AA.VV., Ricerche archeologiche nel castello di Montereale Valcellina (Pordenone). Campagne di scavo del 1983, 1984, 1985, 1986. *Archeologia Medievale* (Florence, Insegna del Giglio 1987) pp. 152-154 illus.

The author publishes 4 coins discovered during the excavation of the castello of Montereale Valcellina in Friuli: 1 small Verona coin of the 12th century; 2 small coins of the Aquileian Patriarch Gregory of the 13th century; and, 1 soldo of the Patriarch Ludovico of Tek of the 15th century. (Andrea Carignani)

622 RÖBLITZ, GÜNTHER. Die im 14. Jahrhundert auf dem Gebiet der Grafschaft Schwarzburg tätigen Münzstätten und die Hohlpfennige mit dem Namen der Dynastie in der Umschrift—ein Beitrag zur Münzgeschichte Thüringens. *JMünzGeldThüringens* (1987) (or *NH* No. 33) pp. 13-32.

The report concerns the monetary history of the county Schwarzburg in the 14th century. (Paul Arnold)

623 SARVAS, PEKKA. Goldmünzen im finnischen Mittelalter. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 273-280 illus. ISBN 3-922451-04-7.

The written sources refers to late medieval gold coins used in Finland, the most important of which was the noble. Some coins found in Finland were analyzed. (Peter Ilisch)

624 SCHLEY, GERHARD. Münzfunde im Kreis Neustrelitz. *NH* No. 34 (Neubrandenburg 1987) pp. 13-14.

The author discusses the 1985 hoard of Starsow, dating from the time between 1689 and 1796, deposited ca. 1800-1813, comprising 44 coins from Brunswick, Brandenburg-Prussia, Mecklenburg and Saxony. (Paul Arnold)

625 SCHROCK, ULRICH E.G. *Geschichte des Hamelner Notgeldes 1916-1948.* (Bremen, Verlag Bieber/Luck-Lehne-Baldrian 1987) 144 pp. illus. ISBN 3-924472-14-9.

Municipal and private emergency money, including p.o.w. camps, are treated in the text and catalogue. (Author)

626 SCHROCK, ULRICH E.G. *Münzen der Stadt Göttingen.* (Bremen, Verlag Bieber/Luck-Lehne-Baldrian 1987) 163 pp. ISBN 3-924472-13-0.

The coins struck by the city of Göttingen between the end of the 14th century

and 1664 are catalogued and fully illustrated. The municipal coins are preceded by some bracteates of the dukes of Brunswick attributed to the Göttingen mint. The book is introduced by a survey of the numismatic history of Göttingen, including remarks about counterstamping and notes about the fineness. (Peter Ilisch)

627 SCHROCK, U.E.G. Zwei seltene Dreipfennigstücke der Reichsstadt Nordhausen. *GN* Vol. 22 No. 122 (1987) pp. 262-263 illus.

The author presents unpublished dreier-pieces of the city of Nordhausen, dated 1622-23 and without date. (Peter Ilisch)

628 SCHULTE, BERNHARD. Eine neue Münze König Lothars III. von Supplinburg aus Goslar. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 23-25 illus.

The author presents a hitherto unpublished type of King Lothar (1125-28), struck in Goslar, which depicts the sovereign on horseback. (Peter Ilisch)

629 STAHL, ALAN M. The Mint of Venice in the Thirteenth Century. *Later Medieval Mints: Organization, Administration and Techniques*. Edited by N.J. Mayhew and Peter Spufford. The Eighth Oxford Symposium on Coinage and Monetary History. BAR International Series 389. (Oxford, 1988) pp. 97-127.

The author illustrates the organization of the medieval Venetian mint by tracing a quantity of metal from its arrival in the city, through the processes of refining, cutting and stamping, up to its distribution in the form of finished coins. An extensive appendix analyzes the sources for 13th century Venetian minting, especially the capitularies, or handbooks, of the mint masters for gold and silver. (Author)

630 STEFKE, GERALD. Lüneburger Währung und lübisch-hamburgische Währung im 13. und 14. Jahrhundert. *Lüneburger Blätter* Vol. 27/28 (1987) (2120 Lüneburg, Museumsverein für das Fürstentum Lüneburg, Wandrahmstr. 10) pp. 77-93. ISBN 3-922616-07-0.

The common opinion that the late medieval currencies of Lüneburg and Hamburg were equal in value is checked against the evidence of the written sources. It is demonstrated that the values were unequal. In the mid-14th century the coinage of Lüneburg was changed to the Lübeck standard. (Peter Ilisch)

631 STEGUWEIT, WOLFGANG. Der Groschenfund von Nordhausen 1985 (um 1407). Ein Vorbericht. *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 41-43 illus.

The author publishes a find report. (Paul Arnold)

632 STEGUWEIT, WOLFGANG. Legendenvariante—Prägefehler—Fälschung. Ein Beitrag zur stempelkritischen Analyse Meissner Groschen.

JMünzGeldThüringens (1987) (or *NH* No. 33) pp. 33-43.

The report contains a critical analysis of the countermarks on Meissen groats, dating between 1390 and 1405. (Paul Arnold)

633 STEGUWEIT, WOLFGANG. Nordhausen (1985) und Tautenburg (1986)—zwei neue Schatzfunde in Thüringen. Eine Annotation. *JMünzGeldThüringens* (1987) (or *NH* No. 33) pp. 75-80.

The author publishes a find report. (Paul Arnold)

634 STEINECKE, HELMUT. Bibliographie Numismatik—Thüringen 3. *JMünzGeldThüringens* (1987) (or *NH* No. 33) pp. 81-98.

The author continues his bibliography on the monetary history of Thuringia (*Bibliographie Numismatik—Thüringen*). (Paul Arnold)

635 STOESS, CHRISTIAN. Die undatierten Lüneburger Goldgulden und Dukaten mit dem "Mann im Mind." *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden*. No. 13. (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 66-69 illus.

The undated gold coinage with a moon of the city of Lüneburg is separated into 2 chronological groups (1585-1612/1613-1637). The same dies were used for both the golden guilders and ducats. (Peter Ilisch)

636 STOESS, CHRISTIAN. Mere civitas. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht*. (Hamburg, 1988) pp. 157-168 illus. ISBN 3-922451-04-7.

The coins with the inscription *Mere civitas* are examined. A die study was conducted. Formerly these coins were attributed to Leer in East Frisia; now the mint is localized in Hunsingo or Fivelgo (Frisia). The coins were struck ca. 1044/1057. (Author)

637 SUCHODOLSKI, STANISŁAW. Die erste Welle der westeuropäischen Münzen im 10. Jh. in Masowien und Mittelpolen. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht*. (Hamburg, 1988) pp. 63-72 illus. ISBN 3-922451-04-7.

The German coins in the Ciechanow hoard of 1982, buried after 974 and therefore one of the earliest Polish hoards to contain western coinage, are listed and interpreted within the context of the infiltration of western coins in Masowia and Central Poland. (Peter Ilisch)

638 SUCHODOLSKI, STANISŁAW. *Moneta możnowładcza i kościelna w Polsce wczesnośredniowiecznej* [The Magnates' and Ecclesiastical Coinage in Early Medieval Poland]. (Wrocław-Warsaw-Cracow-Gdansk-Lodz, 1987) 131 pp. illus. English summary.

The study concerns the early medieval Polish coins struck by those other than the

rulers, i.e., by magnates, bishops or abbots. First were the Count Palatine Sieciech's issues from the time of Prince Władysław Herman (1080-1102). These denarii were inscribed **ZETECH** on the obverse and had two different reverses. The Sieciech's coins were presumably struck in 2 different mints: at Płock in Mazovia and later at Cracow at the turn of the 11th and 12th century. Another issuer was the Count Palatine Piotr Wszeborowic during the reign of Prince Mieszko III (1173-1202) in the very late 12th century. He struck one type of denar, probably at Strzelno in Great Poland. The bishopric issues began with the denarii inscribed **SIFRIDVS EPISC. CASEM CAMIN**, struck by Sifrid the Bishop of Kamień (1186-1191) during the reign of Casimir II the Duke of West Pomerania (1187-1219). Some occasional issues belonged to Laurentius, the Bishop of Wrocław (1207-1232), whose denar displayed the figure of St. John, patron of the Wrocław cathedral. With Iwo Odrowąż, the Bishop of Cracow (1218-1229), another denar with the name of St. Wenceslaus, patron of the Cracow cathedral, can be connected. It is possible that Stefan, the Bishop of Kujavia (1187-1198), could also strike the denarii, jointly with Prince Mieszko III. The bishops of Poznań were empowered in 1232 by Prince Władysław to strike their coins, but no piece survived. The archbishops of Gniezno were granted a right to strike their coinage at Żnin (1284) and at Łowicz castle (1286, 1298). In 1233 Prince Władysław gave in 1233 a monetary grant to the Cistercian monastery at Lubiąż in Silesia. In 1255 Sambor II, Duke of the Gdansk Pomerania, granted mint privileges to the Cistercian monastery at Łekno. In another Cistercian monastery in Wąchock, Little Poland, the bracteates were issued by Abbot Gerhard in the first third of the 13th century. The author discusses all issues known from actual remains or written sources in the typological and metrological context of the early medieval Polish coinage, emphasizing the political and economic implications of these issues. (*Andrzej Mikołajczyk*)

639 SVOBODOVÁ, DANA. Nález mincí v Krnově, okr. Bruntál [The Coin Hoard from Krnov, District of Bruntál]. *ČasSlezskéMuz* Vol. 34 (1985) pp. 128-150 illus. German summary.

A new evaluation of a hoard containing 49 gold and 311 silver coins and 3 medals from the 18th century is published. Most of these coins are of French origin.

(*Z. Nemeškalová-Jiroudková*)

640 SVOBODOVÁ, DANA. Neznámý vídeňský čtyřdukát Josefa II. z roku 1785 [An Unknown Four-Ducat of Joseph II of Vienna from the Year 1785]. *NListy* Vol. 40 (1985) pp. 41-44 illus. German summary.

Only a few examples of the gold coins of Joseph II of this type, dated 1786, are known. These coins as well as the described four-ducat, weighing 13.45 g, probably are mere test strikes.

(*Z. Nemeškalová-Jiroudková*)

641 TALVIO, TUUKKA. Angelsächsischer Einfluss auf norddeutschen Münzen des späten 10. und frühen 11. Jahrhunderts. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 89-93 illus. ISBN 3-922451-04-7.

Some of the coin types of Aethelred II (978-1016), especially the Small Cross type (first issued ca. 973), were imitated in north Germany, but in general the English influence on German coin types was relatively small.

(*Peter Ilisch*)

642 THORMANN, HEINZ. Ein ostmärkischer Pfennig des Sachsenherzogs Bernhard von Anhalt. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 14-19 illus.

The letters MOS in the legend of a bracteate of Duke Bernhard of Anhalt are interpreted as abbreviations of M(archio) O(rientali)s and the castle of Werben is proposed as the probable mint. (Peter Ilisch)

643 TRILLER, EUGENIA. Karol Beyer tropicielem falsyfikatów Igla [Karol Beyer on the Tracks of Igel's Falsifications]. *BN* No. 8 (Oct. 1982) pp. 141-146 illus. English summary.

Karol Beyer (1818-1877), the well-known Polish numismatist and photographer, investigated the sources of fakes of the old Polish coins and found an unknown workshop in Rzeszów conducted by the Lwów antiquarian Zelman Igel, who forged 16th century ducats. (Andrzej Mikołajczyk)

644 TURRO I MARTINEZ, A. Fa cinquanta anys els Ajuntaments catalans emetien moneda. *Cercle* No. 1 (Dec. 1987) pp. 30-31 illus.

645 VAN DEN BROEKE, LUC. Een vuurijzer van 1477 uit het munt-huis Brugge [A "tinder box" coin of 1477 from the mint of Bruges]. *JEGMP* (1987) pp. 189-190 illus.

The so-called "briquet" of Mary of Burgundy was known for the year 1480. The author discusses an additional one for the year 1477. (Paul Naster)

646 VANDENBERGHE, S. and Taelman, J. Een 16de eeuwse muntvondst te Vinkem [A Hoard of the 16th Century from Vinkem]. *Archaeologia Belgica* Vol. 253 (1983) pp. 121-123 illus.

In 1971 a jar containing 2 gold Italian scudos and 80 silver coins of the Low Countries was discovered in Vinkem (West Flanders, Belgium). All these coins were struck in the 16th century—up to 1581. (Paul Naster)

647 VANHOUDT, HUGO. Vervalsingen en naslagen van Belgische munten [Forgeries of Belgian Coins]. *JEGMP* (1987) pp. 191-206 illus.

Fifteen forgeries of Belgian coins, dated 1843 to 1950, are described.

(Paul Naster)

648 VIRK, WOLFGANG. XVI Schilling Rostocker Courant—Ein Unikum aus Zinnplättchen. *NH* No. 35 (Rostock 1987) pp. 38-40.

The author describes a test tin mold.

(Paul Arnold)

649 WEILLER, RAYMOND. 60 Prägungen vom "anonymen" Typ auf Toulser Schlag. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 203-211 illus. ISBN 3-922451-04-7.

This corpus of examples known of an "anonymous" denarius from an indeterminate mint, struck at the beginning of the 13th century, shows the probable evolution of its obverse and reverse types. Careful analyses yielded evidence of the presence of some, though not interpretable, characters on the latest issues. The series includes a few very rare obols. (Author)

650 WEILLER, RAYMOND. Un épisode de la circulation monétaire au pays de Luxembourg au début du 18e siècle. *RBN* Vol. 133 (1987) pp. 121-153.

Documents from the early 18th century, discovered in the Archives Générales du Royaume, Brussels, disclose the monetary policy of the central government in Brussels toward Luxembourg and are explanatory of the fact that no steps were undertaken in order to improve its coin circulation. (Author)

651 WEYL, ADOLPH. *Die Paul Henckelsche Sammlung Brandenburg-preussischer Münzen und Medaillen. Unveränderter fotomechanischer Nachdruck der Originalausgabe Berlin 1876-1877.* (Berlin, Transpress 1987) 608 pp. illus.

The catalogue contains precise descriptions of the coins and medals of Brandenburg, a concordance to Bahrfeldt, a index of people, a list of medalists and the price list. (Paul Arnold)

652 WOJTULEWICZ, HENRYK. Mennica królewska w Lublinie w latach 1595-1601 [The Royal Mint at Lublin in 1595-1601]. *Studia i Materiały Lubelskie* Vol. 8 (1982) pp. 97-103 illus. English and Russian summaries.

The minting activity of the Lublin mint during the reign of Sigismund III is presented. (Andrzej Mikołajczyk)

653 ŻYCIŃSKI, STANISŁAW. Wiadomości o szlacheckich inwentarzach ruchomości [Information about the Gentry's Inventories of Movables]. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 183-186. English summary.

A Polish nobleman's inventories from the 17th and the 18th centuries mentioned gold medals, portugueses, ducats and thalers (both Polish and foreign) as well as some ancient Roman coins. Various metallic vessels decorated with thalers and other coins were also included. (Andrzej Mikołajczyk)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 8, 9, 16, 21, 28, 30, 35, 43, 44, 49, 54, 65, 72, 73, 75, 76.

Technology and Methodology, No. 97.

Roman, No. 271.

India, No. 434.

Africa, No. 470.

Great Britain and Ireland, Nos. 479, 487, 496, 505.

Mexico, Central and South America, No. 791.

Medals and Decorations, Nos. 817, 823, 838, 883, 884, 886, 891, 906, 913, 922, 929.

Paper Money, Nos. 946, 949, 951, 961, 962, 963, 964, 971, 977.

Tokens and Jetons, Nos. 984, 990, 991, 994, 999, 1002, 1006, 1007.

EASTERN EUROPE AND THE BALKANS

- 654 ANASZEWICZ, GERARD.** Symbolism on the 1858 Ruble. *JRNS* Vol. 18 (Spring 1985) pp. 14-19 illus.

The eight coats of arms on the wings of the 1858-type ruble are illustrated, along with historical notes on the regions of Russia they represent. *(Randolph Zander)*

- 655 ANASZEWICZ, GERARD.** The Time of Troubles and its Money. *JRNS* Vol. 29 (Winter 1987-88) pp. 25-40 illus.

The author provides for each sovereign of Russia from 1596 to 1613 an encapsulated historical note and a discussion of the relevant coinage. Linkage charts supplement the illustrated article. *(Randolph Zander)*

- 656 AVDEV, STOIAN.** L'application des méthodes statistiques dans l'étude des monnaies d'argent bulgares du XIV s. *Numismatica* Vol. 21 No. 3 (1987) pp. 40-48 illus. In Bulgarian; Summary in French.

These methods were applied in the study of 5 hoards of silver Bulgarian coins. The analysis of the results yielded proof of the devaluation of the Bulgarian groat during the period 1322-1383. During the reign of King Michael Chichman (1322-1330) the weight standard was 1.63 g; at the beginning of the reign of Ivan Alexander it was 1.57 g; and, ca. 1337-1340 it was 1.55 g. In the three subsequent decades the devaluation continued and ca. 1370 the weight of the coins was 1.1-1.2 g. The type "Ivan Alexander with Michael" was struck in the first 10 years of the reign of Ivan Chichman with a weight of 0.9-0.75 g. *(Jordanka Youroukova)*

- 657 BARTOSHEVICH, V.V.** The 1827 Polupoltinnik. *JRNS* Vol. 17 (Winter 1984-85) pp. 36-39 illus.

The author explains the extreme rarity of the coin in question, which was immediately replaced by a coin reading 25 kopecks rather than polupoltinnik, as arising from the danger of its being mistaken by illiterate individuals for a 5-ruble piece, which was of the same size and of very similar appearance. *(Randolph Zander)*

- 658 BATCHVAROV, IVAN.** A propos des monnaies contremarquées ayant circulé dans le despotat de Dobrudja pendant la deuxième moitié du XIV s. *Numismatica* Vol. 21 No. 3 (1987) pp. 27-40 illus. In Bulgarian; Summary in French.

The study details 4 types of countermarks, struck by the despot of Dobroudja on the silver coins of Serbia and Bosnia during the second half of the 14th century. *(Jordanka Youroukova)*

- 659 [BEKISZ, J.I.]** The Kiev-Pechora Hoard. *JRNS* Vol. 17 (Winter 1984-85) pp. 12-14 illus.

The author describes this enormous hoard of gold coins and thalers discovered

in 1898. He discusses the conditions under which it was deposited, and traces the (largely successful) efforts of A.K. Markov at the Hermitage to preserve those elements important for research.
(*Randolph Zander*)

660 BELIAKOV, A.S. Opyt Rekonstruktsii Sostava Klada Talerov Iz Azerbaidzhana. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 60-62. In Russian.

661 BERGA, T.M. Monety XII v. na Territorii Latvii. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 68-69. In Russian.

662 BERGGREN, ERIK G. The Swedish Coinage at Novgorod during the Time of Troubles. *JRNS* Vol. 9 (Winter 1982-83) pp. 4-7 illus.

663 [BERGLUND, A.] A blundered plate grivna. *JRNS* Vol. 22 (Spring 1986) p. 6 illus.

The author presents a plate grivna of 1726 on which one of the corner stamps, originally produced with the die intended for the center stamp, has been overstruck with the proper die. The piece is unpublished.
(*Randolph Zander*)

664 BERGLUND, A. A Rare Dated Kopeck from the Reign of Feodor Ivanovich. *JRNS* Vol. 6 (Spring 1982) pp. 10-12 illus.

An unpublished kopeck is described and its probable origin discussed.
(*Randolph Zander*)

665 BERGLUND, A. An unpublished Denga of Serpukhov. *JRNS* Vol. 15 (Summer 1984) pp. 19-20 illus.

666 BERGLUND, ANDERS. Legends on Wire Money. *JRNS* Vol. 7 (Summer 1982) pp. 11-16.

The author provides a practical guide for dating and deciphering Russian wire money.
(*Randolph Zander*)

667 BERGLUND, A. Peter I Poltina 1705/4. *JRNS* Vol. 26 (Spring 1978) pp. 8-11.

The author pictures and discusses a 1705/4 overdate half ruble which appears to result from a reengaving of the hub rather than of an individual die. No specimen from this particular hub exists with the original 1704 date intact.
(*Randolph Zander*)

- 668** BERGLUND, A., VLACK, R. and ZANDER, R. The 1795 Imperial - II. *JRNS* Vol. 19 (Summer 1985) pp. 38-40 illus.

Supplementing a *JRNS* Vol. 15 (Summer 1984) article, the authors report 3 specimens of this coin have been identified. They are described and, as far as possible, their provenance traced. (Randolph Zander)

- 669** BRADY, J.D. Again the Constantine Ruble. *JRNS* Vol. 13 (Winter 1983-84) pp. 33-38 illus.

The author presents an overview of the history of this famous pattern coin and its Trubetskoi imitation, and concludes with a report of the surfacing of the pedigreed "Josef" specimen in New York in 1981. (Randolph Zander)

- 670** BREKKE, B.F. A Discovery 1726 Plate Poltina. *JRNS* Vol. 16 (Autumn 1984) pp. 10-11 illus.

- 671** BREKKE, B.F. and ZANDER, R. The 1725 Plate Grivna. *JRNS* Vol. 19 (Summer 1985) pp. 14-16 illus.

A recently discovered forgery of this piece suffices to condemn the 1725 plate grivna offered in the 1910 Klingert sale as genuine. (Randolph Zander)

- 672** BUDZILOVICH, G.N. A Transitional Denga of Ryazan. *JRNS* Vol. 19 (Summer 1985) p. 12 illus.

- 673** BURNASHEVA, R.Z. Novye Mednye Klady Kontsa XVI—Perboi Poloviny XVII vv. IZ Otrara. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987)* pp. 62-63. In Russian.

- 674** DAVIDOVICH, E.A. Zoloty Monety v Srednei Azii pri Sheibanidakh (XVI v.). *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987)* pp. 59-60. In Russian.

- 675** [DEMMENI, M.] The Ekaterinburg Mint. *JRNS* Vol. 13 (Winter 1983-84) pp. 27-33.

Based on an examination of the relatively complete archives of the Ekaterinburg mint, the author presents a number of little-known facts concerning this Ural mint and its history and practices. (Randolph Zander)

- 676** DIACONU, PETRE. Cîteva probleme privitoare la monedele de aramă din sudul Dobrogei în ultima treime a sec. XIV [Some Problems

Concerning Copper Coins from the South Dobrudja in the Last Third of the 14th Century]. *SCIWA* Vol. 38 No. 2 (1987) pp. 142-158 illus. German summary.

The author considers that Ioan Terter, leader of Dristra county, issued silver and bronze coins in 1370 at Siliatra (anc. Durostorum, med. Dristra) and between 1386-1388 at Caliacra (southeast Dobrudja). The coins issued at Caliacra had been previously attributed to Dobrotiță. (Constantin Preda)

677 DOBROVOL'SKAIA, L.I. Kolleksiia Sportivnykh Zhakov Dorevoliutsionnoi Rossii v Sobranii Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ėrmitazh 1987) pp. 30-31. In Russian.

678 DOPITA, JAROSLAV. Revize nálezu mincí z olomouckého nádraží 1887 [A Revision of the Coin Find from the Railway Station in the Year 1887]. *NListy* Vol. 40 (1985) pp. 1-13 illus. German summary.

A new publication of the hoard of 740 Prague groats and small coinage, the latest of them dated 1581, is given. More than 70% of them were struck in Bohemia. (Z. Nemeškalová-Jiroudková)

679 [DUROV, V.A.] Latin-legend dengas of Peter I. *JRNS* Vol. 30 (Spring 1988) pp. 44-49 illus.

T.J. Totushak translates and annotates the author's demonstration that the so-called 1700 pattern dengas with Latin legend are almost certainly fantasy pieces proposed ca. 1740. (Randolph Zander)

680 FEDOROV-DAVYDOV, G.A. Ėvoliutsiia Vesovykh Norm Chekanki Den'gi v Moskovskom i Nizhegorodskom Kniazhestvakh v Kontse Kh 1 u—Nachale Kh 2 u v. *Vtoraiia Numizmaticheskaiia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshchenii 1987) pp. 30-31. In Russian.

681 FOMIN, A.V. Khutynskii Klad Kuficheskikh Monet X v. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ėrmitazh 1987) pp. 56-57. In Russian.

682 [FUCHS, WILLY.] Kovnica's Gypsy Coins. *JRNS* Vol. 16 (Fall 1984) pp. 27-30 illus.

In the 1920s the private Yugoslav mint at Kovnica produced broad four-ducat size pieces similar to those issued by the Vienna mint, but with a legend purporting to attribute them to Imperial Russia. These pieces, intended for the gypsy trade, are catalogued in the present article, abstracted from *Geldgeschichte Nachrichten*. (Randolph Zander)

683 GAMBY, ERIK. The Forgery of Russian Coin and Banknotes in Stockholm, 1788-1792. *JRNS* Vol. 12 (Autumn 1983) pp. 4-8.

In addition to the 1788 forgery of Russian copper coins, the Swedish government planned to forge Russian banknotes and gold coins during hostilities with Russia. The plans were evidently never carried into practice. (Randolph Zander)

684 GEDAI, ISTVÁN. Pénzverés [Coinage]. *Magyarországi művészet 1300-1470 körül [The Art of Hungary 1300-1470]*. (Budapest, Akadémiai Kiadó—Publishing House of the Hungarian Academy of Sciences 1987) I. 241-246; II. 104-107.

The author examines Hungarian coins struck between 1300 and 1470 with respect to art history. In Hungary the Gothic style coincides with the great period, thus the groats of the 14th century represent an extremely fine artistic style. One of the groats of Louis, the Great King, depicting Saint Ladislaus, is one of the most beautiful products of the Gothic style. (Author)

685 GORNUNG, M.B. A numismatic momento of the Petrine reforms [with commentary by R. Zander]. *JRNS* Vol. 28 (Autumn 1987) pp. 3-6.

The 3 known examples of a double- (Slavic and Arabic) dated 1711 kopeck are described and illustrated, and a possible *raison-d'être* for the anomalous coin is suggested. (Randolph Zander)

686 HERMANN, ISTVÁN. *Finanzadministration in zweiten Hälfte des 14. Jahrhunderts in Ungarn. Dissertationes Archaeologicae. Instituti Archaeologici Universitatis de Rolando Eötvös nominatae*. (Budapest, 1987) 223 pp.

One of the most important of financial reforms in Hungary occurred in 1323 and subsequent years. All of the Hungarian financial administration was reorganized. In examining the situation after the reform, the author deals with the gold florin, groat, Hungarian and Slavonian denars, Viennese denars, as well as their weights. (István Gedai)

687 HUS, MIROSLAV. Tolarový nález ze Sytna, okr. Tachov a jeho historické souvislosti [The Thaler Hoard from Sytno District of Tachov and its Historical Connections]. *NListy* Vol. 42 (1987) pp. 129-142 illus. German summary.

The hoard of thalers and gold coins, comprising 52 pieces from the year 1546-1636, is discussed. Due to the lack of Czech coins, the owner was probably a foreign soldier. (Z. Nemeškalová-Jiroudková)

688 IONNIKOFF, A. Is the heavy ruble too heavy? *JRNS* Vol. 25 (Winter 1986-7) pp. 16-20.

The author conducts the reader through a complex, but internally logical, series of mathematical steps demonstrating that, because of a misinterpretation of an ambiguous directive, the Russian mint officials produced rubles in 1796 and 1797 that were systematically some 3% overweight. (Randolph Zander)

- 689** IONNIKOFF, A. The St-Andrew-Cross Piatak. *JRNS* Vol. 27 (Summer 1987) pp. 28-41.

The author traces the circumstances causing the issuance, gradual demonetization and eventual withdrawal and overstriking of this 5-kopeck coin from 1723 to 1755. He provides an illustrated catalogue of known varieties.

(Randolph Zander)

- 690** JONSSON, KENNETH. The Earliest Hungarian Coinage. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht*. (Hamburg, 1988) pp. 95-102 illus. ISBN 3-922451-04-7.

Two new examples of the Stephanus Rex/Preslava coinage in a new Scanian hoard introduce a discussion of the beginnings of coinage in Hungary. It is confirmed that, in spite of contradiction by Hungarian numismatists, the Preslava coinage, is genuinely Hungarian and the development led from a heavy denarius to a light one, the latter often erroneously called an obol.

(Peter Ilisch)

- 691** JULIAN, ROBERT W. From Rus to Revolution: Russian Coins Through a Thousand Years. *CW* (Supplement) (March 1988) pp. S3-S33 illus.

The author describes the monetary history of Russia from AD 988 to the present.

(Candace Carter)

- 692** KAVKA, FRANTIŠEK. Místo Prahy v politicko-hospodářském konceptu vlády Karla IV. [The Position of Prague in the Political and Economic Conception of the Reign of Charles IV]. *NListy* Vol. 41 (1986) pp. 129-146. German summary.

During the reign of Charles IV Prague acquired great political importance, although the economy did not develop as quickly. The author discusses the failure of the plans which should have developed Prague into a center of international trade.

(Z. Nemeškalová-Jiroudková)

- 693** KAZIMÍR, ŠTEFAN. Toliar v uhorskom mincovníctve v 16. storočí [The Thaler in the Hungarian Coinage in the 16th Century]. *NListy* Vol. 40 (1985) pp. 148-155. German summary.

The author attempts to answer the question why the minting of thalers began in Hungary later than in other European countries.

(Z. Nemeškalová-Jiroudková)

- 694** KOLOBOVA, I.N. K Voprosy o Denezhnoĭ Terminologii Belorusskogo Rynka XVI—Nachala XVIII vv. *Novoe v Sovetskoi Numizmatike i Numizmaticheskom Muzevedenii. Kratie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 74-75. In Russian.

- 695 KORETSKY, V. 180-** E.M. Pyatak. *JRNS* Vol. 14 (Spring 1984) pp. 21-26 illus.

This Russian copper, with incomplete date 180- , has been the object of considerable argument. The author proposes that it was struck as a pattern shortly after 1803, and recognizes that a few later strikes from the same dies may have been produced.
(*Randolph Zander*)

- 696 KORETSKY, V. and L'VOV, M.** Some Varieties awaiting Discovery. *JRNS* Vol. 17 (Winter 1984-85) pp. 27-35 illus.

A slightly compressed translation of the authors' 1968 article presents a discussion of the numerous copper recoinages in 18th century Russia and on the basis of logical probability proposes a number of as yet unreported overstrikes as likely extant and awaiting discovery.
(*Randolph Zander*)

- 697 KOSMYLEV, V.S.** "Russkaia Kurentsia"—Regional'naia Sistema Belorusskogo Denezhnogo Scheta XVIII v. *Novoe v Sovetskoj Numizmatike i Numizmaticheskom Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 76-77. In Russian.

- 698 LEĬMUS, I.** O Vliianii Russkogo Rynka na Monetnoe Delo Livonii v XVI v. *Novoe v Sovetskoj Numizmatike i Numizmaticheskom Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 72-74. In Russian.

- 699 MÁLYUSZ, ELEMÉR.** Bajorországi állatkivitelünk a XIV-XV. században. Agrártörténeti Szemle [Our Animal Export to Bavaria in the 14th-15th Centuries]. *Review of Agricultural History* (1986) 1-33 pp.

The author deals with the European role of the Hungarian gold florin connected with the animal exportation of Hungary. He especially examines the expression "Hungarian and Bohemian gold florin," which is found in Bavarian sources, although he is unable to explain the expression.
(*István Gedai*)

- 700 MANDIĆ, RANKO.** *Jugoslavenski katalog metalnog novca* [Yugoslavian Coin Catalogue]. 2nd edition. (Belgrade, 1988) 250 pp. illus. In Serbocroat with English summaries.

The coin catalogue of Yugoslavia, Serbia, Croatia and Montenegro since 1868, including commemoratives as well as patterns, trial strikes and proofs, is published.
(*Author*)

- 701 MANNUCCI, FRANCESCO.** "Giannetti" dei Gran Maestri dell'Ordine di San Giovanni a Rodi. *NumAntClas* Vol. 11 (1982) pp. 343-350.

The ancient denomination for a series of coins of the Knights of St. John of Jerusalem, minted in Rhodes in the second half of the 15th century, is signalled as

already existing in contemporary travelers' records and documents; metrology and value of the coins in the period are also widely discussed. (Author)

702 MARKOV, A. Elizavetin Zolotoi [A Gold Coin of Elizabeth]. *JRNS* Vol. 5 (Dec. 1981) pp. 9-11 illus.

A rare pattern 1755 10-ruble piece, long thought lost, is rediscovered. (Randolph Zander)

703 MĘKICKI, JULIUSZ. Krótka historia grosza praskiego 1300-1547 [A Short History of the Prague Groats 1300-1547]. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 170-179 illus. English summary.

An outline history of the Czech monetary reform from 1300 and the issues of the Prague groats in Kutna Hora in the 14th, 15th and early 16th century are presented. (Andrzej Mikołajczyk)

704 MĘKICKI, JULIUSZ. Związek Numizmatyków Lwowskich - w 60 rocznicę powstania [Union of the Lwów Numismatists—on the 60th Anniversary]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 81-89 illus. English summary.

The Union of the Lwów Numismatists was founded in 1925. Several large exhibitions and auctions were arranged and in 1925-1928 the journal *Zapiski Numizmatyczne* was published. Members of the Union once supported some museums in Lwów, Rohatyn and Cracow with gifts. The outbreak of World War II interrupted the Union's activity. (Andrzej Mikołajczyk)

705 MIKOŁAJCZYK, ANDRZEJ. Monety rosyjskie w znaleziskach z I połowy XVII w. na obszarze Wielkiego Księstwa Litewskiego i Korony [Russian Coins in the Finds from the First Half of the 17th Century in the Territory of the Great Duchy of Lithuania and Polish Crown]. *Pieniądz i mennictwo Wielkiego Księstwa Litewskiego* (Białystok, Polish Archaeological and Numismatic Society 1987) pp. 23-26 illus.

The coin hoards with an admixture of Russian kopecks, buried in the first half of the 17th century in the Polish Crown and Lithuanian territories, are studied and compared with those from the territory of Muscovy. (Author)

706 MIKOŁAJCZYK, ANDRZEJ. Numizmatyka w muzeach - próba bilansu [Numismatics in the Museums - An Attempt of Balance]. *Muzealnictwo* Nos. 26/27 (1983) pp. 12-19. French summary.

An appraisal of the present situation of numismatics in Polish museums is undertaken; considerations for the future are presented. (Author)

707 MIKOŁAJCZYK, ANDRZEJ. Polish Factor in the Balkan Monetary Affairs of the Late 16th and 17th Century. *Zeitschrift für Balkanologie* Vol. 22 No. 1 (1986) pp. 61-75 illus.

The export of silver Polish coins to the Balkans and further on to Asia Minor and the Middle East in the late 16th and 17th century resulted from the trade between Poland and the Ottoman world. Polish coins, most of which were of low denominations, played an important role in the monetary circulation all over the Balkan countries. These were imitated and even forged. (Author)

708 MIKOŁAJCZYK, ANDRZEJ. Stosunki monetarne na Śląsku w ostatniej tercji XVII w. w świetle najnowszych odkryć numizmatycznych [Monetary Relations in Silesia in the Last Third of the 17th Century in Light of Recent Numismatic Discoveries]. *Silesia Antiqua* Vol. 28 (1986) pp. 117-138 illus. English summary.

The coin hoards from the last third of the 17th century, recently discovered in Silesia, provide substantive evidence concerning the structure of local monetary circulation. Besides the description of 2 hoards, an analysis of all the hoards in question is given. Domestic and foreign coins used in the Silesian monetary market itself, as well as the circulation of Silesian coins abroad, are discussed. (Author)

709 MOLVYGIN, A. Novye Nakhodki Kladov X- Nachala X 1 w. i Vopros o Nachale Postupleniia Zapadnoevropejskikh Monet na Territoriiu Ėstonii. *Vtoraia Numizmaticheskaia Konferentsiia 1987* (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 47-48. In Russian.

710 MUSAKAEVA, A. O Vese Monet Zapadnogo Sogda. *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 23-24. In Russian.

711 MUSHEGIAN, Kh.A. Osnovnye Gruppy Monet iz Raskopok Ani i Dbin. *Novoe v Sovetskoi Numizmatike i Numizmaticheskom Muzevedenii*. Kratkie Tezisy Dokladov i Soobshcheniĭ Nauchnoiĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'iĭ Ėrmitazh 1987) pp. 78-79. In Russian.

712 PITSILLIDES, ANDREAS G. Introduction to the Coins of the Lusignan Kings of Cyprus. *Cyprus Today* Vol. 25 No. 2 (April-June 1987) (Nicosia, Ministry of the Interior) pp. 4-11 illus.

The author summarizes the most important features of Cypriote coinage from Guy de Lusignan (1192-1194), who introduced the numismatic system of the Holy Land—deniers and bezants—to Catherine Cornaro (1474-1489), who was forced to abdicate to the Venetians. (Candace Carter)

713 RTVELADZE, Ė.V. Monetnye Kompleksy iz Kampyrtepa (Uzbekistan). *Vtoraia Numizmaticheskaia Konferentsiia 1987*. (Moscow, Tezisy Dokladov i Soobshcheniĭ 1987) pp. 61-62. In Russian.

714 SANTAMAS, M.L. The Modern Coinage of Cyprus. *Cyprus Today* Vol.

25 No. 2 (April-June 1987) (Nicosia, Ministry of the Interior) pp. 11-16 illus.

In 1878 the administration of Cyprus was ceded by the Ottoman Empire to the British crown. The first High Commissioner of Cyprus Sir Garnet Wolseley oversaw the project to provide Cyprus with a uniform coinage in bronze, instituted in 1879. In 1901, at the time of Queen Victoria's death when British silver was demonetized, new silver coinage was struck especially for Cyprus. This coinage is described. Early in 1963 Cyprus introduced its own coinage, based on the decimal system—mils coinage. In 1983 a new subdivision was introduced, the cent, which replaced the mils.
(Candace Carter)

715 SHANDROVSKAIA, V.S. Ob Izobrazhenii "Sviatykh Voinov" v Vizantijskoj Sfragistike i Numizmatike. *Novoe v Sovetskoj Numizmatike i Numizmaticheskome Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenij Nauchnoj Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ij Ėrmitazh 1987) pp. 79-80. In Russian.

716 SHUST, R.M. Novye Nakhodki Monetnykh Kladov v Zapadnykh Oblastiakh USSR. *Vtoraia Numizmaticheskaja Konferentsiia 1987.* (Moscow, Tezisy Dokladov i Soobshchenij 1987) pp. 68-69. In Russian.

717 SIMONOV, R.A. Denezhnyj Schet na Drevnerusskom Abake. *Vtoraia Numizmaticheskaja Konferentsiia 1987.* (Moscow, Tezisy Dokladov i Soobshchenij 1987) pp. 24-27. In Russian.

718 SINCHUK, I.I. Mednye Solidy Rechi Pospolltoi 1664-1666 gg. s Gerbom Velikogo Kniazhestva Litovskogo. *Novoe v Sovetskoj Numizmatike i Numizmaticheskome Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenij Nauchnoj Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ij Ėrmitazh 1987) pp. 75-76. In Russian.

719 SLEPOVA, T.I. Podrazhaniia Venetsianskim Dukatam XIV-XV vv. v Vostochnom Sredizemnomor'e i Sebernom Prichernomor'e. *Novoe v Sovetskoj Numizmatike i Numizmaticheskome Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenij Nauchnoj Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ij Ėrmitazh 1987) pp. 69-71. In Russian.

720 SMIRNOV, M.I. Ėrmitazhnoe sobranie i "Korpus Russkikh Monet XVIII-XX vv." *Novoe v Sovetskoj Numizmatike i Numizmaticheskome Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenij Nauchnoj Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ij Ėrmitazh 1987) pp. 21-22. In Russian.

721 SOTNIKOVA, M.P. Khronologija Denezhnogo Chekana Tveri XV v. *Novoe v Sovetskoj Numizmatike i Numizmaticheskome Muzevedenii. Kratkie Tezisy*

Dokpadoy i Soobshcheniĭ Nauchnoĭ Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvennĭĭ Ėrmitazh 1987) pp. 20-21. In Russian.

722 SPASSKII, I.G. A portrait "Zolotoi" of Boris Godunov. *JRNS* Vol. 15 (Summer 1984) pp. 30-32 illus.

The author describes a very rare ducat-size Russian gold piece with the portrait of Tsar Boris Godunov and presents evidence to suggest it may have been struck for presentation to Queen Elizabeth of England. (Randolph Zander)

723 SPASSKII, I.G. Minting of Kopecks by the Swedish Authorities in Novgorod during the Period 1611-1617. *JRNS* Vol. 10 (Spring 1983) pp. 3-16.

Swedish archival materials relating to the Swedish-conducted coinage at Novgorod strengthen and clarify the author's previous conclusions, based on an analysis of the coinage itself. (Randolph Zander)

724 SPASSKII, I.G. Russian Imperial Awards to the Army of Bogdan Khmel'nitskii. *JRNS* Vol. 23 (Summer 1986) pp. 19-23 illus.

The author establishes the context and circumstances of the award of coin-like gold pieces to the Cossack leaders and men under Bogdan Khmel'nitskii in 1654, and traces the history of such awards in Russia during the general period under discussion. (Randolph Zander)

725 SPASSKII, I.G. When and Why were Dutch Ducats First Struck at St. Petersburg? *JRNS* Vol. 8 (Sept. 1982) pp. 12-24 illus.

The author disproves earlier and long held theories as to the time and origin of the semi-clandestine coinage in question, and provides a reasoned demonstration as to the circumstances leading to the first issue of 1768. (Randolph Zander)

726 SVOBODOVÁ, DANA. Nález mincí v Krnově, okr. Bruntál [The Coin-Find from Krnov, Distr. of Bruntál]. *ČasSlezskéMuz* Vol. 34 (1985) pp. 128-150 illus. German summary.

A new evaluation of a find containing 49 gold and 311 silver coins and 3 medals from the 18th century. Most of them are of French origin.

(Z. Nemeškalová-Jiroudková)

727 TALVIO, TUUKKA. Three Srebniki in Helsinki. *JRNS* Vol. 18 (Spring 1985) pp. 10-12 illus.

Three previously unpublished srebniki of Prince Vladimir of Russia are described and illustrated; their provenance is established. (Randolph Zander)

728 TOTUSHEK, T.J. Imperial Russian mintmarks—Peter I - Nicholas II. *JRNS* Vol. 20 (Autumn 1985) pp. 19-33 illus.

A discussion of the pattern of development of Russian mints is followed by a

catalogue of the individual mints, setting forth their history, specialties (if any) and identifying marks. *(Randolph Zander)*

729 TOTUSHEK, T.J. Russian coin weights. *JRNS* Vol. 23 (Summer 1986) pp. 10-18 illus.

A group of Russo-Polish coin weights of the early 19th century is described and illustrated. *(Randolph Zander)*

730 TUMOSA, CHARLES. Further Notes on the Coins and Medals of the Sadogura Mint. *JRNS* Vol. 19 (Summer 1985) pp. 17-28 illus.

The history of the Sadogura mint's Moldavian coinage is reviewed, the coinage is catalogued, and several medals and personal jetons are described and pictured. *(Randolph Zander)*

731 TUMOSA, C. and ZANDER, R. The 1871 ten-kopeck pattern. *JRNS* Vol. 27 (Summer 1987) pp. 9-17.

The background, varieties, die combinations, metallic composition, and possible bases for distinction between original and restrike specimens are set forth. *(Randolph Zander)*

732 TUMOSA, C. and ZANDER, R. The 1871 Ten-Kopeck Pattern - II. *JRNS* Vol. 30 (Spring 1988) pp. 26-28 illus.

This article supplements the authors' earlier discussion of a Belgian-made pattern coin submitted to and rejected by the Russian government in 1871. *(Randolph Zander)*


733 UZDENIKOV, V.V. Interpreting the Menshikov grivennik cipher. *JRNS* No. 28 (Autumn 1987) pp. 47-50.

The author develops and defends an hypothesis to explain the origin of an otherwise irrationally drawn cipher on the copper 10-kopeck pattern piece of 1726. *(Randolph Zander)*

734 UZDENIKOV, V.V. Nickel Coinage Projects. *JRNS* Vol. 23 (Summer 1986) pp. 28-33 illus.

Six proposals, put forward from 1863 to 1916, for the coinage of nickel coins in Russia are outlined and the associated pattern pieces described and illustrated. *(Randolph Zander)*

735 UZDENIKOV, V.V. Obverse/Reverse. *JRNS* Vol. 25 (Winter 1986-87) pp. 14-16.

The author reviews the various exceptions to the obverse/reverse orientation of , normal on Russian coins, explaining or speculating on the reasons for the exceptions. *(Randolph Zander)*

736 UZDENIKOV, V.V. The pattern coins of 1726-1727. *JRNS* Vol. 22 (Spring 1986) pp. 11-34 illus.

The author traces the circumstances and inflationary motives leading to the preparation of several series of pattern copper and debased silver coins, and establishes a logical categorization of the various pattern pieces by issue-group.

(*Randolph Zander*)

737 VILINBAKHOV, G. V. and BELOVENETS, P.I. K Istorii Formirovaniia Ėrmitazhnoĭ Kollektzii Dal'nevostochnykh Monet. *Novoe v Sovetskoi Numizmatike i Numizmaticheskom Muzeovedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 18-19. In Russian.

738 VON WINKLER, P.P. [With supplement and commentary by J.B. PLUMB and R. ZANDER] The Livo-Estonian Coinage. *JRNS* Vol. 26 (Spring 1987) pp. 21-35.

The origin, history and role of this ephemeral regional coinage are presented, along with an illustrated catalogue.

(*Randolph Zander*)

739 [ZANDER, R.] An unpublished 1800 five-rubles. *JRNS* Vol. 30 (Spring 1988) pp. 30-31 illus.

740 ZANDER, RANDOLPH. An unpublished 1727 Ruble. *JRNS* Vol. 18 (Spring 1985) pp. 12-13 illus.

The ruble in question is from the same obverse die as a known pattern and the reverse die, of particularly refined workmanship, is unpublished.

(*Author*)

741 ZANDER, R. An unpublished novodel ruble. *JRNS* No. 28 (Autumn 1987) pp. 4-6.

The probable period of striking a silver novodel medallic ruble of 1762, known hitherto only in gold, is proposed.

(*Author*)

742 [ZANDER, R.] Arakcheev's plated Novodels. *JRNS* Vol. 9 (Winter 1982-83) pp. 12-13.

In 1834 an off-metal set of plated Russian novodel coins was discovered in the effects of the late Count Arakcheev. After some consultation, Tsar Nicholas I ordered them destroyed.

(*Author*)

743 ZANDER, R. Copper Forgeries Y Fantasies. *JRNS* Vol. 11 (Summer 1983) pp. 6-13.

Latter-day arguments seeking to identify some recent forgeries and fantasies of Russian coins as heretofore unreported novodels are refuted.

(*Author*)

- 744 ZANDER, R.** Four Mining Pieces. *JRNS* Vol. 16 (Autumn 1984) pp. 11-17 illus.

The 1832 Kolyvan half-imperial, a plaque made of silver discovered in the Kirghiz Steppe in 1818, a gold nugget reworked in 1813 into a medal, and a plaque made of gold from a new vein discovered near Chusovoi in 1813 are described, pictured, and the circumstances of their preparation set forth. *(Randolph Zander)*

- 745 ZANDER, RANDOLPH.** Kholodkovskii's Catalogues. *JRNS* Vol. 18 (Spring 1985) pp. 25-26.

A series of fixed price lists of a prominent Petersburg dealer ca. 1910-1913 provides insights into the pre-war Russian numismatic market. *(Author)*

- 746 ZANDER, RANDOLPH.** Krestovik Contemporary Forgeries. *JRNS* Vol. 18 (Spring 1985) pp. 32-34 illus.

The great discrepancy between face value and intrinsic value of the 1723-30 krestovik 5-kopek pieces stimulated forgery. The present article describes and illustrates several very crude examples of contemporary *faux pour servir*. *(Author)*

- 747 [ZANDER, R.]** Moldavian Copper. *JRNS* Vol. 5 (Winter 1981) pp. 2-9 illus.

- 748 [ZANDER, R.]** Persian Overstrikes on Kolyvan Coppers. *JRNS* Vol. 15 (Summer 1984) pp. 34-37 illus.

The circumstances in which these Russian coppers seeped into Persia and were overstruck at various city mints are set forth, and a catalogue of identified pieces is presented. *(Author)*

- 749 ZANDER, R.** Persian Overstrikes on Russian Copper - II. *JRNS* Vol. 18 (Spring 1985) pp. 26-28 illus.

An article in *JRNS* Vol. 15 (Summer 1984) is supplemented. *(Author)*

- 750 ZANDER, R.** Russo-Polish Mining Coins. *JRNS* Vol. 5 (Winter 1981) pp. 11-13 illus.

- 751 ZANDER, R.** The Champney Trial Strikes. *JRNS* Vol. 18 (Spring 1985) pp. 5-8 illus.

An enigmatic 20-kopek size piece, with the Russian eagle/portrait of King Victor Emmanuel, has been known in the Russian literature for many years. It was produced by an American engineer George Champney at a demonstration of his "secret process" conducted at the Petersburg mint in 1876. The author outlines Champney's extensive collateral efforts to interest various other official mints in his method, which is briefly described. None succeeded. *(Author)*

- 752 ZANDER, R.** The 1827 Reichel Ruble. *JRNS* Vol. 14 (Spring 1984) pp. 19-20 illus.

The origin of a semi-official pattern is traced, and the circumstances in which novodels of the piece were produced in 1879 are given. (Author)

753 ZANDER, RANDOLPH. The Family Ruble. *JRNS* Vol. 9 (Winter 1982-83) pp. 8-11 illus.

The circumstances of issue of this semi-medallic coin are outlined, and the original and novodel varieties are described. (Author)

754 ZANDER, RANDOLPH. The Royal Crown Five Kopeck Pieces. *JRNS* Vol. 10 (Spring 1983) pp. 22-31 illus.

A historical discussion is followed by an account of early numismatic reporting of these Swedish imitations of Russian coppers. There is a catalogue of obverse and reverse dies and of identified linkages. (Author)

755 [ZANDER, R.] The Smithsonian's Constantine Rubles. *JRNS* Vol. 14 (Spring 1984) pp. 34-39 illus.

A pedigree and description of the Smithsonian's specimen of an original Constantine ruble and of its Trubetskoi copy are presented. (Author)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following references:

General, Nos. 6, 28, 31, 59, 71, 81, 83, 88.

Near and Middle East, Nos. 392, 393.

Medals and Decorations, Nos. 818, 850, 851, 855, 878, 8906, 904, 911, 916, 923, 924, 925, 927, 928, 936, 937, 938, 939, 940, 941, 942.

Paper Money, Nos. 948, 958, 973, 974.

Tokens, Nos. 1000, 1008, 1009, 1010, 1011, 1013, 1014, 1015, 1020, 1021, 1022, 1023.

UNITED STATES OF AMERICA

756 BREEN, WALTER. *Complete Encyclopedia of U.S. and Colonial Coins.* (New York, Doubleday 1988) 754 pp. illus. ISBN 0-385-14207-2.

The author lists 8,035 entries, ranging from British coinages in America to the present, as well as authorized local coinages. An extensive bibliography and glossary are included. (Candace Carter)

757 CARTER, MIKE. Those '21 Morgans: Does This "Common" Date Contain the Rarest of Them All? *COINage* Vol. 24 No. 6 (June 1988) pp. 32-33, 36, 122 illus.

The author discusses the three rarest of all Proof Morgan dollars: the 1921-P Zerbe, 1921-P Chapman and the 1921-S Zerbe. (Candace Carter)

758 COCHRAN, BOB. Organized Labor and Their Banks. *PM* Vol. 25 (July/Aug. 1986) pp. 153-158.

759 COCHRAN, BOB. Two Checks that Changed History. *PM* Vol. 26 (May/June 1987) pp. 85-87, 101.

The story of Charles Lindbergh's flight, the checks used to purchase his plane and the prize check are described. (George S. Cuhaj)

760 COOPER, EVERETT K. The State of Texas: Civil War Currency. *PM* Vol. 25 (Jan/Feb. 1986) pp. 4-12.

The author reviews and reclassifies the Texas Treasury warrants. (George S. Cuhaj)

761 DEWEY, WILLIAM S. Encased Coins of Ocean County, N.J. *TAMSF* Vol. 27 (June 1987) pp. 81-84.

762 DORNFEST, WALTER J. National Banking on Staten Island: The 100th Anniversary. *PM* Vol. 25 (Sept./Oct. 1986) pp. 192-196.

The author discusses the notes of the First National Bank of Staten Island at New Brighton. (George S. Cuhaj)

763 DORNFEST, WALTER J. National Banking on Staten Island: The 100th Anniversary (Part II). *PM* Vol. 25 (Nov./Dec. 1986) pp. 219-221.

The author publishes details on Port Richmond National Bank and the Staten Island National Bank and Trust Company. (George S. Cuhaj)

764 DORNFEST, WALTER J. National Banking on Staten Island: The 100th Anniversary. Part III: The Stapleton National Bank. *PM* Vol. 26 (Jan/Feb. 1987) pp. 5-8.

765 JULIAN, R.W. Birthing Pains of the "O" Mint. *COINage* Vol. 24 No. 6 (June 1988) pp. 100-102, 104, 106 illus.

The history of the New Orleans mint, a branch mint authorized by Congress in 1835, is given. 1988 is the 150th anniversary of its first coinage. (Candace Carter)

766 JULIAN, R.W. "CC" The Nevada Mint: The Carson City Mint Story is One of the Most Interesting in Numismatics. *COINage* Vol. 24 No. 2 (Feb. 1988) pp. 86-88, 92, 94 illus.

767 JULIAN, R.W. The Forgotten Indians: These Colorful Cents Were Once the Most Popular Collectors' Coins. *COINage* Vol. 24 No. 6 (June 1988) pp. 8-10, 1234 illus.

The Indian cent, minted from 1859 to 1909, had three varieties: a copper-nickel with laurel wreath reverse, a copper-nickel with oak wreath and shield reverse and a bronze. This coin replaced the Flying Eagle cent first issued in 1857, the design of which had been unpopular. The Indian head had been used by the designer James B. Longacre previously—on the double eagle of 1849 and the three-dollar gold piece of 1854—only the headdress changed. *(Candace Carter)*

768 JULIAN, R.W. The Original "S" Mint. *COINage* Vol. 24 No. 8 (Aug. 1988) pp. 42-44, 72, 122 illus.

In the fall of 1850 California achieved statehood; in early 1851 the United States Assay Office, which had the power to issue gold ingots, was created. Although the gold ingots were legal tender and a boon to California businesses, there was not enough silver and minor coinage in circulation. In 1852 Congress voted to establish a branch mint at San Francisco and in April 1853 the Treasury began the erection of the Mint Building. A brief report of the subsequent history of the mint follows. *(Candace Carter)*

769 JULIAN, R.W. The "Other" Double Eagle: Longacre's Liberty Head Deserves a Better Fate. *COINage* Vol. 24 No. 4 (April 1988) pp. 33, 36, 134 illus.

As a result of the California gold rush in 1848, Congress passed a law in 1849 which authorized a new one-dollar gold coin and a 20-dollar gold coin. The history surrounding Longacre's double eagle design is given. *(Candace Carter)*

770 KOSTALUK, TOM A. The Genius of Doctor Benjamin Franklin and The Franklin Half Dollar. *CNJ* Vol. 33 No. 5 (May 1988) pp. 194-196.

A very brief biography of Ben Franklin, including a short description of the Franklin half, is given. *(Candace Carter)*

771 LA MARRE, TOM. Collectible Columbians: They Have Been Attracting New Numismatists Since 1893. *COINage* Vol. 24 No. 6 (June 1988) pp. 13, 16 illus.

The author gives a brief history of the Columbian half dollar, the first commemorative to be authorized by Congress in 1892 in time for the World's Columbian Exposition in Chicago. *(Candace Carter)*

772 LASSER, JOSEPH R. The Constitution and its Numismatically-Linked Signers. *PM* Vol. 26 (July/Aug. 1987) pp. 117-122.

773 MC CARL, HENRY M. An Introduction to Confederate and Southern States Counterfeit Currency. *PM* Vol. 26 (Sept./Oct. 1987) pp. 149-155, 164.

774 REITER, ED. New Coins of the '80s: Revolutionary Times at the

Mint. *COINage* Vol. 24 No. 8 (Aug. 1988) pp. 32, 36, 118 illus.

A basic change in the U.S. federal government's attitude toward the coinage—especially bullion coinage and commemoratives—occurred in the 1980s under the Reagan administration. Some changes were: the plating of copper cents and the halting of the production of the Susan B. Anthony dollar. Discussions concerning new designs for the coinage and commemoratives, which have not been issued since 1954, are covered.
(Candace Carter)

775 REITER, ED. Remembering a Legend: His Father Designed Two Classic American Coins. *COINage* Vol. 24 No. 3 (March 1988) pp. 32-33, 36, 41, 126 illus.

The author discusses Adolph Alexander Weinman, who designed the Walking Liberty half dollar and the Mercury dime.
(Candace Carter)

776 REMICK, JERRY. The Coin of the Year for 1986. *CNJ* Vol. 34 No. 7 (July/Aug. 1988) p. 303 illus.

A panel of judges from a number of countries voted the Liberty 1986 U.S. \$5 gold coin which commemorates the centennial of the Statue of Liberty as the 1986 Coin of the Year. Second place went to Western Samoa; third place to Japan; and, fourth place to Canada. The contest is sponsored by Krause Publications of Iola, Wisconsin.
(Candace Carter)

777 ROCHETTE, ED. First Strike: Olympic Gold and Silver Coins Make Their Official Debut. *COINage* Vol. 24 No. 7 (July 1988) pp. 21, 29 illus.

The official ceremony of the first-strike ceremonies of the 1988 Olympic silver commemorative dollars is reported. The \$5 gold and \$1 silver coins will be the only official U.S. government-issued souvenirs of the 1988 games.
(Candace Carter)

778 STEINLE, ELIZABETH W. Edward Cogan, America's First Professional Numismatist. *TAMNJ* Vol. 28 (April 1988) pp. 59-70.

The author publishes a biography and the token listings for this Philadelphia dealer.
(George S. Cuhaj)

779 SUSSMAN, DAN. The "Other" Philadelphia Mint. *COINage* Vol. 24 No. 7 (July 1988) pp. 109-112 illus.

The history of the Franklin Mint, originally founded in 1964 as the General Numismatics Corporation, is discussed.
(Candace Carter)

780 VOLKART, BILL. Collecting the Lowly Cent. *COINage* Vol. 24 No. 8 (Aug. 1988) pp. 24, 29-30 illus.

Since 1793 ca. 450 separate varieties of one-cent pieces have been minted. Some of the changes in the cent are described.
(Candace Carter)

For additional references to the numismatics of the United States, see the following abstracts:

General, No. 31, 57, 83.

Near and Middle East, No. 373.

Canada, No. 781.

Mexico, Central and South America, No. 791.

Medals, Nos. 816, 821, 831, 840, 841, 848, 852, 861, 865, 869, 876, 877, 879, 881, 882, 885, 889, 898, 900, 901, 903, 905, 909, 927, 932, 935.

Paper Money, Nos. 948, 978, 980.

Tokens and Jetons, Nos. 981, 988, 995.

CANADA

781 BRUNK, GREGORY G. Canadian Merchant Countermarks. *CNJ* Vol. 34 No. 7 (July/Aug. 1988) pp. 265-280 illus.

The author discusses systematically the evidence now available about the role of private countermarks in the numismatic history of Canada. The exact location/country of most of these issues is uncertain because most Canadian merchants stamped United States coinage and many American merchants countermarked Canadian coppers.

(Candace Carter)

782 CHARLTON, JAMES E. O Canada, Wampum to Tokens—Beavers to Loons. *CW* (Supplement) (Jan. 1988) pp. S3-S41 illus.

Coins, tokens, paper money, wooden nickels are discussed.

(Candace Carter)

783 FOSTER, JOSEPH. The Prince Edward Island Holey Dollars and Dumps. *CNJ* Vol. 33 (Jan. 1988) pp. 8-12 illus.

The author discusses the "official" and the "imitation" cut dollars of Prince Edward Island, which are distinguished in proclamations of 24 September 1813 and 7 May 1814.

(Candace Carter)

784 GRAHAM, ROBERT J., KENNEDY, EARLE K., and BECKER, J. RICHARD. With contributions by Ralph Dickieson and Gordon J. McCarville. *The Currency and Medals of Prince Edward Island*. Vol. II: Canadian Numismatic History Series. (Willowdale, Ontario, Canada, Numismatic Education Society of Canada Research Foundation 1988) 156 pp. illus. ISBN 0-9691475-1-1.

The book comprises chapters on (1) the history of Prince Edward Island; (2) the Island currency; (3) the Prince Edward Island holey dollar; (4) tokens; (5) private note issues; (6) treasury notes; (7) banks and banking; (8) the 1871 cent; and, (9) medals of Prince Edward Island.

(Candace Carter)

785 WILLEY, R.C. A Dictionary of Canadian Numismatics. *CNJ* Vol. 33 No. 3 (March 1988) pp. 96-114.

The author defines words beginning with A through C. *(Candace Carter)*

786 WILLEY, R.C. A Dictionary of Canadian Numismatics. *CNJ* Vol. 33 No. 4 (April 1988) pp. 141-154.

The author discusses the words beginning with D through H. *(Candace Carter)*

787 WILLEY, R.C. A Dictionary of Canadian Numismatics. *CNJ* Vol. 33 No. 5 (May 1988) pp. 187-193.

The article concerns the words beginning with H through M. *(Candace Carter)*

788 WILLEY, R.C. A Dictionary of Canadian Numismatics. *CNJ* Vol. 33 No. 6 (June 1986) pp. 238-243.

The article concerns the words beginning with M through P. *(Candace Carter)*

789 WILLEY, R.C. A Dictionary of Canadian Numismatics. *CNJ* Vol. 34 No. 7 (July/Aug. 1988) pp. 288-295.

The glossary covers the words beginning with Q through S. *(Candace Carter)*

For additional references to the numismatics of Canada, see the following abstracts:

General, No. 57.

Great Britain and Ireland, No. 510.

United States, No. 776.

Medals and Decorations, Nos. 882, 902, 933.

Tokens and Jetons, Nos. 982, 992, 1001, 1003, 1004, 1019.

MEXICO, CENTRAL AND SOUTH AMERICA

790 BAILEY, DON. The Numismatics of Spanish Colonial Mexico. *CW* (Supplement) (Nov. 1987) pp. S3-S49.

The author discusses the numismatic history of Mexico, ranging from pre-Columbian days to the War of Independence. *(Candace Carter)*

791 BORJA MARTINEZ, FRANCISCO. La Reforma Monetaria de 1905. *AcadMex Memoria* Vol. 4 No. 11 (July 1987) pp. 1-61. In Spanish.

The author gives a very complete picture of the economic conditions of the second half of the 19th century and the beginning of the 20th century in Mexico, the United States and Europe, which brought about the Monetary Law of 1905 in Mexico, a law still in effect. *(Miguel L. Muñoz)*

792 DOTY, R.G. 'A Mint for Mexico': Boulton, Watt and the Guanajuato Mint. *BNJ* Vol. 56 (1986) pp. 124-147 illus.

A history of the supply of minting machinery to Mexico by the Soho (Birmingham) firm of Boulton, Watt and Company between 1825 and 1849. (Edward Besly)

793 DYM, K.A. Una nueva tabulación cronológica de las primeras amonedaciones sudamericanas. *GacNum* Vol. 88 (1988) pp. 37-45.

794 FLATT, H.P. The Transitional Coins of Peru. *ANSMN* Vol. 32 (1988) pp. 169-180 illus.

The design of Peru's first decimal coinage originated in the coins produced in the years 1858-1862, a period in which that country was seeking an effective manner to rid itself of the debased and counterfeit coinage which constituted the circulating medium. Such coinage had displaced the earlier coins based on a monetary system inherited from Spanish colonial days. This article provides a summary of the historical background of the coins leading to the first decimal issue of 1863 and describes currently known varieties. (Author)

795 GIL FARRES, OCTAVIO. Los Españoles en las Indias occidentales, Exploraciones, tesoros, monedas. *NumAntClas* Vol. 16 (1987) pp. 303-335 illus.

Following numerous other published articles on this subject, this study retraces the stages of the expedition of Pizarro in Peru and the disintegration of the empire of the Incas, of the discovery and seizure of immense treasure and the distribution of the booty among the conquistadores. (Andrea Carignani)

796 GILBOY, FRANK. A Comedy of Errors? - or A Chapter of Accidents? *CNJ* Vol. 33 No. 4 (April 1988) pp. 174-178 illus.

The author discusses the peculiarities of the Bolivian coin No. 2, with the reverse legend *URTA* given in *Elizondo's Eight Reales and Pesos of the new World*. (Candace Carter)

797 LAGOS, LICIO. Dos Monedas Zapatistas. *AcadMex Memoria* Vol. 4 No. 12 (April 1988) pp. 1-59. In Spanish.

The author publishes a very thorough and interesting account of the copper coinage of Mexico from ca. 1542 to 1915. Two copper coins struck at the Mexico Mint in 1915 during the Mexican Revolution, complete the discussion. The One and the Two cent copper coins, however, are erroneously called "zapatistas" when they should be called "convencionistas". On the last page of the *Memoria* the author publishes a clear photocopy of the *Diario Oficial* (official journal) to demonstrate his point. (Miguel L. Muñoz)

798 OLROG, FRANK. Mynt på St. Barthélemy 1784-1878 (1-2) [Coins on St. Barthémemy 1784-1878]. *SNT* Vol. 1 (1988) pp. 10-13 illus; *SNT* No. 2 (1988) pp. 38-39 illus.

The author deals with coin circulation on St. Barthélemy, a former Swedish possession. The main currency was the Spanish piaster, often divided into Cut Money and sometimes countermarked with a Swedish crown. (Ulla Westermarck)

799 PETERSEN, B. ALBERT and PETERSEN, ELENA. Antecedentes de la Casa de Moneda de Guadalajara. *SocNumMex Bol* Vol. 19 No. 136 (July-Sept. 1987).

The finding of a document (dated 1795), which requests the establishment of a mint in Guadalajara on the grounds that it was the assaying center of an extensive mining territory producing annually over 700 thousand marks of silver (160 tons), is given. A paleographic copy of this document is in the Sociedad Numismática de México's library available for consultation. (Miguel L. Muñoz)

800 PROBER, KURT. *Falsificadas 'Obsidionais' As Primeiras Moedas do Brasil Autenticas*. Monografias Numismáticas Vol. 13 (Paquetá, Rio de Janeiro 1987) 91 pp. illus.

The author discusses forged Dutch obsidional coins, dated 1645, 1646, 1647 and 1654, which imitate the rare emergency florins and stuivers. (Candace Carter)

801 RAMIREZ BERNAL, LUIS. La Casa de Moneda Provisional de Valladolid. *SocNumMex Bol* Vol. 19 No. 134 (Jan.-March 1987) pp. 18-22. In Spanish and English.

An account of a thorough search by the author to locate the site of the Provisional Mint of Valladolid, present day Morelia, capital of the state of Michoacan, is given. Very little was known about the location of this provisional mint established in 1813 by the Vice-regal authorities during the struggle for independence.

(Miguel L. Muñoz)

802 SEDWICK, FRANK. *The Practical Book of Cobs: History, Identification, Shipwrecks, Values, Market*. (Maitland, FL, The Author 1987) 81 pp. illus.

This introductory book on Spanish-American cobs is the first of its kind. These asymmetrical coins, not struck primarily for circulation but as an expedient means for sending bullion in fixed quantities back to the treasuries in Spain, are discussed in all historical and numismatic aspects. (Candace Carter)

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:

General, Nos. 31, 57.

Medals and Decorations, Nos. 812, 826, 844, 864, 870, 871, 882.

OCEANIA

- 803 BRINKMANN, COLLIN.** Small savers backed our war efforts. *ACR* Vol. 24 No. 8 (Feb. 1988) pp. 30-35.

War savings certificates were issued in Australia between 1917 and 1919.

(John Melville-Jones)

- 804 GILBOY, F.** La cronologia de los resellos circulares filipinos de 1832 a 1937. *GacNum* Vol. 88 (1988) pp. 11-21.

- 805 HAGLEY, SYDNEY V.** War time currencies of New Guinea. *ANJ* Vol. 36 (1985) pp. 17-21.

- 806 HENDERSON, LEN.** Some thoughts on Yelland and Andrews. *JNAAus* Vol. 4 (March 1988) pp. 49-50.

Alfred Yelland, a Melbourne doctor, made annotations in his copy of the standard work on Australian tokens and coins by Andrews, which are of some interest.

(John Melville-Jones)

- 807 MIRA, W.J.** Dollar with tale to tell. *ACR* Vol. 24 No. 11 (May 1988) pp. 37-40.

The 'tourist' dollar which has been issued on Norfolk Island (sold at \$5) shows two of the island's historic buildings.

(John Melville-Jones)

- 808 RAMPLING, D.J.** A ticket of Sir Thomas Makdougall Brisbane, Governor of New South Wales 1821-1825. *ANJ* Vol. 35 (1984) pp. 4-8 illus.

The form of the recipient's name shows that this silver membership ticket to the Royal Society of Edinburgh could not have been issued to him until at least 15 years after he became a member.

(John Melville-Jones)

- 809 SHARPLES, JOHN.** Curved bases, fish-tails and the 1930 penny. *ACR* Vol. 24 No. 10 (April 1988) pp. 21-22.

Characteristics of the lettering on some Australian George V pennies are to be explained as weaknesses in striking, and are not evidence for the existence of unrecorded dies.

(John Melville-Jones)

- 810 SHARPLES, JOHN.** "The Kangaroo Office," A nineteenth century "Sting". *JNAAus* Vol. 4 (March 1988) pp. 29-37.

There is no truth in the generally held assumption that the gold pieces struck in 1853/4 at Port Philip (Melbourne), Australia were official patterns.

(John Melville-Jones)

- 811 VORTRONALD, MICHAEL P.** Cheques in Australia—A Collecting Overview. *JNAAus* Vol. 4 (March 1988) pp. 51-53.

For additional references to the numismatics of Oceania, see the following abstracts:

General, No. 57.

United States, No. 776.

Medals and Decorations, Nos. 825, 827, 829, 859, 868.

Paper Money, No. 956.

Tokens and Jetons, Nos. 993, 1005, 1012.

MEDALS AND DECORATIONS

812 ACOVIĆ, DRAGOMIR. Notes on the Article "Orders, Decorations and Medals of the Republic of Cuba." *MC* Vol. 39 (July 1988) pp. 21-23.

The author adds supplementary information to the original article. See *NL* 120-864.
(George S. Cuhaj)

813 ATTWOOD, PHILIP. Nicola Moss, a young British Sculptor. *The Medal* No. 10 (1986) pp. 54-59 illus.

814 ATTWOOD, PHILIP. The Slade Girls. *BNJ* Vol. 56 (1986) pp. 148-177 illus.

The students of Alphonse Legros, professor at London's Slade School of Art from 1876 to 1892, were from the early 1880s instructed in the technique of modelling for cast medals. Legros, who played an important role in the revival of the cast medal in late 19th century England, had produced his first medals in 1881, and his students' first medals were exhibited the following year. A large proportion of the students who made medals were women. Included among them were May Barker, Ella and Nelia Casella, Lydia Gay, Feodora Gleichen, Elinor Hallé, Florence Newman, Ellen Rope, Effie Stillman, Lilian Swainson (later Mrs. Vereker Hamilton), Mary Swainson and Maria Zambaco. Some of these artists went on to receive commissions for both cast and struck medals, and many branched out into other arts. (Author)

815 BAGWELL PUREFOY, PETER. The Commissioner's tale. *The Medal* No. 10 (1986) pp. 36-38 illus.

A description of the commission by the author of a wedding commemorative medal is given.
(Edward Besly)

816 BARTLE, DOROTHY BUDD. John Cotton Dana and the Ideal Museum Collection of Medals. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 101-117 illus. ISBN 0-89722-226-1.

The author surveys the formation and use by a pioneering educator of a medals collection in a public institution: The Newark Museum, Newark, NJ, 1909-1929.

Museum records provide valuable references. Dana's close involvement with Newark-born sculptor John Flanagan, and local manufacturer Chester R. Hoag of Whitehead & Hoag, is discussed. In particular, "process exhibits" showing the steps in creating medals illustrate means used by Dana to reach a diverse audience in an American industrial city. (Author)

817 BENDIXEN, KIRSTEN. Frank medaillekunst [French Medal Art]. *Nationalmuseets Arbejdsmark* 1987. (Copenhagen 1987) pp. 155-165. English summary, p. 166 illus.

The author surveys the French medallic art form from the Renaissance to modern times. (Ulla Westermarck)

818 BERGER, FRANK. Eine Schmuck- "Münze" aus Düna. *Westfalia Numismatica* 1988. *Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 20-22 illus.

A bronze coin-like ornament, seemingly struck double-sided, is attributed to the 11th century. (Peter Ilisch)

819 BEUNINGEN, H.J.E. VAN, JURION, F. and WAHA, M. DE. Over pelgrimstochten naar Aarschot en daarop betrekking hebbende insignes [About Pilgrimages to Aarschot, Belgium, and Related Badges]. *Het oude Land van Aarschot* Vol. 22 No. 3 (Sept. 1987) (B-3250 Rillaar, Belgium, Aarschotse Kring voor Heemkunde, Molendreef 30) pp. 115-136 illus.

The church of Our Lady in Aarschot was a well-visited place of pilgrimage, e.g., from Zeeland, The Netherlands. A medal and other metal badges, dated ca. 1500-1530, are discussed. In the same periodical (p. 144) in an exhibition catalogue two of these badges are mentioned. (Paul Naster)

820 BLACK, JEREMY. The medal as political propaganda: a provincial example of 1739. *The Medal* No. 10 (1986) pp. 8-10 illus.

Pinchbeck medals referring to the Convention of the Prado 1739 are described. (Edward Besly)

821 BOYCE, DOUGLAS W. Alaska Territorial Guard Medal. *MC* Vol. 39 (April 1988) pp. 15-18.

822 BROWN, LAURENCE. *British Historical Medals 1837-1901, The Reign of Queen Victoria*. (London, 1987) 516 pp. illus.

823 BUCHET, ARSÈNE. Francine Somers-Tytgat, artiste belge. *Vie num* Vol. 38 (1988) p. 98.

Francine Somers, born in Ghent in 1923, was initially a designer, painter and engraver, although later she also produced several medals. (Paul Naster)

824 CANCIO, LEOPOLDO. Two Ancient Medallions. *Medallic Sculpture* (Spring 1988) pp. 7-8 illus.

Short descriptions of Syracusan and Carthaginian decadrachms in relation to poetry by Cuban poet Maria de Heredia and that by French poet Theophile Gautier are published.
(Cory Gilliland)

825 CARLISLE, L.J. Horticultural Society of New South Wales. *JNAAus* Vol. 4 (March 1987) pp. 14-17

The society awarded 49 silver and 25 bronze medals in 1868 to commemorate a visit by the Duke of Edinburgh.
(John Melville-Jones)

826 CASTAN, CARLOS. Jura y Proclamacion de Fernando VII en 1808 en Arizpe, Sonora. *SocNumMx Bol* Vol. 19 No. 134 (Jan.-March 1987) pp. 5-9 illus. In Spanish and English.

A report of the festivities that took place in the city of Arizpe, state of Sonora, in connection with the Oath of Allegiance to King Fernando VII when he came to the throne is given. The high point of these festivities was the casting of hundreds of silver medals or proclamations from the balconies of the city hall to the people below.
(Miguel L. Muñoz)

827 CHAPMAN, JOHN. The St. Kilda Bowling Club Medal. *JNAAus* Vol. 4 (March 1988) pp. 12-13.

This silver medal was prepared to mark the opening of the club in 1865.
(John Melville-Jones)

828 CHATT, JOSEPH and the late FRED PRIDMORE. Unofficial British Medals commemorating the Victory and Peace of the Great War. *NCirc* Vol. 95 No. 8 (Oct. 1987) pp. 256-258 illus.

829 Convict Momentoes in Museum Display. *ACR* Vol. 24 No. 8 (Feb. 1988) pp. 11-13.

A new display at Sydney's mint and Barracks Museum commemorates the bicentenary of European settlement in Australia. Among many unusual items are the 'Charlotte Medal,' a silver dish engraved by the counterfeiter Thomas Barrett, who later became the first man to be hanged in the colony of New South Wales, and a copper love token, with obverse type of a chained bird (i.e., a gaol bird), made for a convict.
(John Melville-Jones)

830 DALQUEST, JOHN. The Grand Duke's Cabinet Medal. *JRNS* Vol. 29 (Winter 1987-88) pp. 8-9 illus.

The souvenir medal given by the Grand Duke Georgii Mikhailovich to those who visited his coin and medal cabinet is described and illustrated, and the circumstances of its origin explained.
(Randolph Zander)

- 831** DANIS, ROLLIN V. A Marine on the Battleship U.S.S. Oregon, 1896-1901. *MC* Vol. 38 (June 1987) pp. 5-13.

The battle record of Oscar Upham as told by his diary and letters to home is given. Honors won include the Navy Medal of Honor, the West Indies Campaign Medal and four others. (George S. Cuhaj)

- 832** DAWSON, AILEEN. Medals as models for ceramic medallions. *The Medal* No. 1 (1987) p. 30 illus.

A porcelain medallion of B.G. Sage, 1779, is described. (Edward Besly)

- 833** DEAN, GEORGE D. John Craven Thornthwaite, Australia's first medallist and token maker. *JNAAus* Vol. 4 (March 1988) pp. 38-44.

Thornthwaite produced a great number of tokens and commemorative medals at Sydney from 1850 onwards. (John Melville-Jones)

- 834** DETHLEFS, GERD. Die westfälischen Gnadenpfennige des Wachsbossierers Georg Pfründt 1653. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 81-92 illus.

Mostly gold medals portraying Westphalian princes, produced in 1653 on the occasion of the Regensburg Reichstag, based on models created by Georg Pfründt, are discussed. (Peter Ilisch)

- 835** DOBROVOL'SKAIA, M.A. Iz Istorii Kollektzii Sovetskikh Ordenov, Nagrudnykh Znakov i Znachkov. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 28-30. In Russian.

- 836** DUTTON, PHILIP. 'An enterprise directed northward': some medallic tributes to the battle of Jutland. *The Medal* No. 11 (1987) pp. 46-53 illus.

- 837** ELMER, CHRISTOPHER. *British Commemorative Medals and their Values*. (London, 1987) 265 pp. illus.

- 838** ENDRUSSEIT, BRUNO. Medaillen zur Geschichte der Stadt Stralsund. 1. Nachtrag. *NH* Vol. 35 (Rostock 1987) pp. 12-16.

The report concerns the supplement to *Medaillen zur Geschichte der Stadt Stralsund*, Part 1-2, Stralsund 1985-1986 (*NH* No. 16) by the authors. (Paul Arnold)

- 839** FISCHER, THOMAS. Seleukos—ein König und ein Stern. Einführung. *JbRuhrUnivBochum* (1987) pp. 19-22 illus.

A silver medal by Victor Huster commemorates the philological, historical, numismatic, archaeological and astronomic exposition which was held on the occasion of the appellation of the planetoid Seleucus by the founder of the Seleucid dynasty in Hellenistic times.
(Author)

840 FREUNDLICH, AUGUST L. The Coins and Medals of James Earle Fraser. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 183-199 illus. ISBN 0-89722-226-1.

The American sculptor, James Earle Fraser (1876-1953), is best known for his public works, which include *End of the Trail*, the Theodore Roosevelt Memorial in New York, and numerous coins and medals. Fraser's major contribution to numismatics was the Americanization of subject matter. He developed a uniquely American coin, the Buffalo nickel, using symbols fitting only to the United States. Another contribution was to bring to bear a strong Beaux-Arts aesthetic, not only in his own coins and medals, but through his leadership of an entire generation engaged in the field. Saint Gaudens had first held up the classic ideals in coin design, but it was Fraser's contribution to develop and propagate the use of American iconography and high artistic standards in the process.
(Author)

841 FULD, GEORGE J. and TAYMAN, BARRY D. The Montreal and Happy While United Indian Peace Medals. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 19-44 illus. ISBN 0-89722-226-1.

The authors describe the circumstances of issue, review contemporary and relevant literature, and illustrate the medals attributed to colonial silversmith Daniel Christian Fueter, as well as the similar Virginia *Happy While United Medal*.
(Barry D. Tayman)

842 GILLILLAND, CORY. Charley Leaves Behind Vibrant Legacy. *CW* (23 March 1988) pp. 1, 15.

The medallic work of Al Charley is discussed.
(Author)

843 GILLILLAND, CORY. Tribute to an Artist. *Médailles*. Organ of FIDEM; 21st Congress in Colorado Springs, CO, 1987. (London, 1988) pp. 76-84 illus.

A discussion of the medals in the National Numismatic Collection which were presented to American artist Edward C. Tarbell (1862-1938) by art institutions in the country and which tell his story of artistic success and the country's changing artistic taste.
(Author)

844 GIMENO, JAVIER. The Spanish Medal in America. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 45-59 illus. ISBN 0-89722-226-1.

The article reviews the factors behind the introduction and diffusion of the medal on the American continent under Spanish domination. An evolution is observed during the 18th century beginning with the proclamation medal and the royal oath, sponsorship by local institutions, until the state intervention manifested by the engravings of the first mint and ultimately by the creation of the Academia de San Carlos in Mexico, introducing a medal independent of the proclamation. The nucleus of this activity was in Mexico, from where the influences of the principal cities and mints on the continent were disseminated. (Author)

845 GIRARDO, G. A Cossack award medal. *JRNS* Vol. 23 (Summer 1986) pp. 6-10 illus.

The circumstances in which an ex-post-facto medal was awarded to a number of Cossack unit commandoes at the 1759 battle of Kunersdorf are brought forward. (Randolph Zander)

846 GIRARDO, G. The Order of St. Anne. *JRNS* Vol. 25 (Winter 1986-87) pp. 32-45.

The author sets forth the history of the Order, its permutations and comparative status. There is a comprehensive illustrated catalogue which shows major variants. (Randolph Zander)

847 GIRARDO, GERARDO. The Order of St. Vladimir. *JRNS* Vol. 19 (Summer 1985) pp. 29-38 illus.

Following a review of the Order's history comes an illustrated catalogue of the Order's badges and stars. (Randolph Zander)

848 GLEIM, ALBERT F. USA Typhus Commission Medal Update. *MC* Vol. 39 (June 1988) pp. 30-32.

849 GORINI, GIOVANNI. New Studies on Giovanni da Cavino. *Studies in the History of Art* Vol. 21 (Washington, The National Gallery of Art 1987) pp. 45-54 illus.

A review of the cultural training and the activity of Giovanni da Cavino in Padua is published. (Sara Sorda)

850 GOROL, EDVARD. Moderne polnische "Westentaschendenkmale". *NumBeitr* Vol. 20 No. 4 (1987) pp. 163-165.

The author describes the renaissance of modern Polish medallic art. (Paul Arnold)

851 GRUND, RAINER. Vier Personenmedaillen des Bildhauers und Medailleurs Paul Sturm (1859-1936). *Dresdener Kunstblätter* Vol. 32 No. 1 (Dresden, State Art Collection 1988) pp. 19-25 illus.

The author discusses the medalist and sculptor Paul Sturm and describes four of his medals. (Paul Arnold)

852 HASSLER, DONNA J. The Medals of John Flanagan. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 119-133 illus. ISBN 0-89722-226-1.

The author discusses the medallic work of John Flanagan (1865-1952), one of America's most important medalists. A studio assistant of Augustus Saint-Gaudens, Flanagan continued his studies in Paris, where he established an international reputation for his relief work. The artist's most accomplished medals include *The Numismatic and Antiquarian Society of Philadelphia's Medal in honor of Daniel Garrison Brinton*, 1898; *The Horace Howard Furness Award for Distinguished Achievement*, 1909; *The Rostron Medal*, 1912, and *The Verdun Medal*, 1921; as well as a series of portrait medallions and plaquettes of artist-friends, which he began in 1917. In 1922 Flanagan received the prestigious J. Sanford Saltus Medal Award from The American Numismatic Society.
(Author)

853 HEINO, RAIMO. Palatkaamme entiseen, se on oleva edistystä! [Let Us Return to Tradition in Order to Make Progress!]. *Mitali - Medaljen* No. 2 (Helsinki, Finnish Art Medal Society 1987) pp. 12-14 illus. Swedish summary, p. 23.

The author, who is himself a sculptor and medalist, discusses the ways in which modern medallic art could learn from the traditions of the Renaissance medal. The article is based on a paper read at the FIDEM '87 congress held in Colorado Springs.
(Tuukka Tälvio)

854 HENNEBERT, ALEXIS. Michel Stiévenart, artiste médailleur montois. *Vie num* Vol. 38 (1988) pp. 92-96 illus.

The sculptor M. Stiévenart, born in Mons (Hainault, Belgium) in 1910, is presented as a medalist and ca. 10 of his medals and plaquettes are described. (Paul Naster)

855 HERFURTH, DIETRICH. *Militärische Auszeichnungen der UdSSR*. (Berlin, Militärverlag der DDR 1987) 164 pp. illus.

The military orders and decorative honors are discussed in detail. (Paul Arnold)

856 JAKUBZIK, ULRICH. Fünf bisher unbekannte Plaketten aus einer Serie alttestamentarischer Darstellungen um 1570-1580. *GN* Vol. 23 No. 123 (1988) pp. 10-12 illus.

To a series of 6 known Renaissance plaquettes an additional 5 hitherto unknown plaquettes are presented. A twelfth example most probably existed. Biblical themes are portrayed with the woodcuttings of Bernard Salomon's *Biblica Sacra* (Lyons 1534).
(Peter Ilisch)

857 JÄRVINEN, OUTI. An exhibition of Finnish medallic art. *The Medal* No. 10 (1986) pp. 32-35 illus.

858 JÄRVINEN, OUTI. The medals of Gerda Qvist. *The Medal* No. 11 (1987) pp. 59-66 illus.

- 859 JEWELL, RAY.** The MacRobertson (Victorian) Centenary Air Race. *JNAAus* Vol 4 (March 1988) pp. 3-11.

Medals were issued to the successful contestants in this race (London to Melbourne, 1934). Some gilt copper replicas also exist. (John Melville-Jones)

- 860 JONES, MARK.** Jean Warin. *The Medal* No. 11 (1987) pp. 7-23 illus.

- 861 JULIAN, R.W.** World Network Medal: This Official U.S. Issue Was Historic in Both Telecommunications and Minting. *COINage* Vol. 24 No. 3 (March 1988) pp. 96, 100 illus.

In 1868 and then in 1874 medals were struck in honor of Cyrus West Field, who established a telegraphic link between the United States and England via Newfoundland. (Candace Carter)

- 862 KAGAN, Iu.O.** Ob Atpibutsii Dzh. Ia. Karal'o Medali s Portretom Sigizmonda II Avgusta Iz Sobraniia Otdela Numizmatiki Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g.* (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 87-88. In Russian.

- 863 KLAUANS, ZANDER H.** Additional notes on Giovanni Cavino, Renaissance medalist. *NCirc* Vol. 95 No. 10 (Dec. 1987) p. 327 illus.

The use of dies engraved by Cavino which had been combined with dies by other engravers is discussed and illustrated.

This article was misattributed in the journal to R. Pesant. (Author)

- 864 KLIELMANN, K.G.** Orders, Decorations and Medals of the Republic of Cuba. *MC* Vol. 39 (April 1988) pp. 4-13.

- 865 KORSHAK, YVONNE.** The Winds of Libertas: Augustin Dupré's *Libertas Americana*. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 61-78 illus. ISBN 0-89722-226-1.

This paper examines the sources, influences and iconography of the image of the medal *Libertas Americana* commissioned by Benjamin Franklin, at the behest of Congress, from the French medalist Augustin Dupré in 1782. The medal's subsequent numismatic history in both America and in France is also traced, with particular reference to the liberty cap device. (Author)

- 866 KOVÁCS, GYULA.** Nyiregyhaza - Sosto 10 Years on. *The Medal* No. 10 (1986) pp. 39-45 illus.

- 867 KOVÁSZNAI, VIKTÓRIA L.** Hungarian medallic art at the turn

of the century. *The Medal* No. 11 (1987) pp. 39-45 illus.

868 LANE, PETER. Associated Fire Assurance Companies Fire Brigade Medal. *JNAAus* Vol. 4 (March 1988) pp. 19-21.

This medal was struck in 1867, as a testimonial to the fire brigade of Adelaide, S. Australia.
(John Melville-Jones)

869 LEOTTI, ELAINE J. The American Woman Medalist. A Critical Survey. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 201-222 illus. ISBN 0-89722-226-1.

In the early years of the 20th century a number of American women stepped boldly into a new field: medallic sculpture. Harriet Frishmuth began her career by studying with Rodin and Janet Scudder, who worked as Frederick MacMonnies' assistant, was the first woman to have medals exhibited at the Luxembourg Museum in Paris. In 1913 the young Laura Gardin Fraser designed the charming *Better Babies* medal for *Woman's Home Companion*, the beginning of a long career which included the 1930 Congressional Medal of Honor for Charles Lindbergh. Gertrude Lathrop created graceful designs from nature. Anna Hyatt Huntington, whose sculptural career began with the century's birth and spanned 6 decades, exhibited her mastery of the miniature in bold medallic designs. Karen Worth's contributions to the medallic world earned her the prestigious Saltus Award in 1977.

The paper touches briefly on the careers of these and of other 20th century American woman sculptors, concentrating on discussion, contrast and criticism of their medallic output.
(Author)

870 LOPEZ DE LERENA, JAVIER. El Catillo de Chapultepec Ya Cumplio 200 Años. *SocNumMex Bol* Vol. 19 No. 134 (Jan.-March 1987) pp. 10-17 illus. In Spanish and English.

A very brief history of the Chapultepec Castle since pre-Columbian days and Viceroyal times until its conversion into the present-day Museo Nacional de Historia on September 17, 1944, is given. Several historical medals are illustrated.

(Miguel L. Muñoz)

871 LOPEZ DE LERENA, JAVIER. Some Medals of Gerónimo Antonio Gil. *SocNumMex Bol* Vol. 19 No. 136 (July-Sept. 1987) pp. 63-69 illus. In Spanish and English.

Some information and comments are given about several medals engraved by Gerónimo Antonio Gil, Director General of the Real Academia de San Carlos de Nueva España, present day Mexico City.

(Miguel L. Muñoz)

872 MACIASZEK, JANUSZ. Jozef Markiewicz, 35 ans d'activité artistique. *The Medal* No. 10 (1986) pp. 27-31 illus.

873 MARIËN, MARC E. Médailles émises par la Fédération des Sociétés

d'Archéologie et d'Histoire de Belgique. *RBelArchHistArt* Vol. 56 (1987) pp. 132-135 illus.

The Federation of Archaeological and Historical Societies in Belgium has organized since 1885 on a regular basis, even annually, congresses on history and archaeology in different towns of Belgium. For several of these congresses a commemorative medal has been struck. 7 of them are described and discussed for the years 1885 to 1907.

(Paul Naster)

874 MAROWSKY, KLAUS. Eine Medaille auf Abraham Jacobi, Ein Westfale begründete amerikanische Kinderheilkunde. *Westfalia Numismatica 1988. Schriftenreihe der Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 117-120 illus.

A medal featuring Abraham Jacobi, socialist and physician (1830-1919), who emigrated from Germany to the United States, is discussed.

(Peter Ilisch)

875 MARSH, MICHAEL A. Friedrich Kullrich and the Wyons. *The Medal* No. 10 (1986) pp. 21-25 illus.

876 MC DOWELL, CHARLES P. The Prisoner of War Medal. *MC* Vol. 38 (Nov. 1987) pp. 13-18.

The U.S. p.o.w. medal is discussed.

(George S. Cuhaj)

877 MC DOWELL, CHARLES P. USA Typhus Commission Medal. *MC* Vol. 39 (Jan./Feb. 1988) pp. 6-17.

Commission information, plenary drawings and medal development are discussed.

(George S. Cuhaj)

878 *Medaillen und Plaketten aus der ČSSR.* Ausstellungskatalog. (Berlin, Verband Bildender Künstler der DDR und Verband Bildender Künstler der ČSSR 1987). No pagination.

The exhibit catalogue gives an overview on contemporary medallic art in Czechoslovakia.

(Paul Arnold)

879 MILLAR, SAM A. The Merchant Marine Gallant Ship Citation Plaque and Bar. *MC* Vol. 39 (March 1988) pp. 4-29.

880 MONCURE, H.B. Scarcely Sufficient to Redden the Skin: Galvanic Batteries. *TAMSJ* Vol. 27 (Dec. 1987) pp. 214-217.

881 MORRISSEY, SIOBHAN. Medals of Patriotism. *COINage* Vol. 24 No. 8 (Aug. 1988) pp. 8-9, 124, 126 illus.

The United States Capitol Hill Historical Society launched a series of 12 annual medals to commemorate the bicentennial of U.S. independence and Constitution

in 1978. The background of the Society and descriptions of the medals are given.
(Candace Carter)

882 MULL, JOHN P. III. Identification Badge of the Inter-American Defence Board. *MC* Vol. 38 (May 1987) pp. 11-16 illus.

883 NAU, ELISABETH. Medaillenentwürfe zum fünfzigjährigen Regierungsjubiläum Herzog Karl Eugens von Württemberg. *Jahrbuch der Staatlichen Kunstsammlungen in Baden-Württemberg* Vol. 24 (1987) (Berlin, Deutscher Kunstverlag) pp. 33-42 illus.

In the context of a planned 50th anniversary of the reign of Duke Karl Eugen of Württemberg in 1787, which was cancelled, 4 of the designed medals were made and some more drawn before the jubilee should have occurred in 1794, but the Duke died before the jubilee. The designs from high school teachers are discussed, especially with respect to the iconography.
(Peter Ilisch)

884 NIVAILLE, JEAN. Abeilles et ruches dans les médailles des ducs de Brunswick. *CENB* Vol. 25 No. 1 (Jan.-March 1988) pp. 6-14 illus.

Four medals of the Duchy of Brunswick in the 17th and 18th centuries, with bees or a bee-hive as a symbol, are described and discussed.
(Paul Naster)

885 NOBLE, JOSEPH VEACH. The Society of Medalists. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 223-247 illus. ISBN 0-89722-226-1.

The Society of Medalists was founded in 1930, and is the oldest organization in America issuing fine art medals. Its history is recounted and that of its precursor The Circle of Friends of the Medallion (1909-1915). Over the past 58 years the Society has issued 116 medals. The wide variety of subjects, themes and sculptural styles are reviewed. A table lists the 116 medals by issue, year, sculptor, subject of obverse and reverse, and number struck in bronze and silver.
(Author)

886 NUYTENS, MARCEL. Een niet alledaags ereteken [An Uncommon Badge of Honor]. *JEGMP* (1987) pp. 173-174 illus.

A very ornate medal in silver of Mechlin (Belgium) by the medallist J. Wiener was delivered to a volunteer of the fire brigade in 1884.
(Paul Naster)

887 ÖLÇER, CÜNEYT. Kanal Seferi [The Canal Campaign]. *Bülten-TürkNumSoc* Vol. 23 (1987) pp. 13-15.

The author presents a medallion type shield, made in Germany, and given to Ottoman soldiers who took part in the Suez Canal War.
(Ömer Diler)

888 PESANT, R. Additional notes on Giovanni Cavino, Renaissance medallist. *NCirc* Vol. 95 No. 10 (Dec. 1987) p. 327 illus.

889 PESSOLANO-FILOS, FRANCIS. *The Medals of the Presidents, the Secretaries of the Treasury, and the Directors of the U.S. Mint.* (New York, Eros Publishing Company 1987) 300 pp. illus. ISBN 0-911571-05-3.

The catalogue contains pictures and descriptions of the medals honoring the 40 presidents (from Washington to Carter), along with biographical sketches and indices on the subject. There are also biographical sketches and pictures of the 63 Secretaries of the Treasury and of the 33 Directors of the Mint. (Author)

890 [PETERS, D.I.] Rare early 19th century award medals. *JRNS* Vol. 29 (Winter 1987-88) pp. 41-45 illus.

S.G. Yasinitzky abstracts and provides commentary on the author's discussion of half a dozen unpublished award medals bestowed for logistical support activities chiefly during the War of 1812. (Randolph Zander)

891 PHILIPPEN, JOS. 350 jaar devotiemedailles van Scherpenheuvel [350 Years of Religious Medals at Scherpenheuvel, Belgium]. *JEGMP* (1987) pp. 175-187 illus.

Already in the late Middle Ages the "sharp hill" at Zichem (province Brabant, Belgium) became a place of devotion to Our Lady, growing during the 16th and first years of the 17th century, so that the place became a town in 1605; the building of a large church, still in use, started in 1609. Many medals have been issued for the worship of Mary there since ca. 1600-1605. Approximately 30 medals, most from the 19th and 20th centuries, are discussed. (Paul Naster)

892 PICKUP, DAVID. 'Patrons they are but few,' two letters from a nineteenth century medallist to his patron. *The Medal* No. 10 (1986) pp. 19-20 illus.

The correspondence between A.J. Stothard and John Lee is published and discussed. (Edward Besly)

893 PIGLOWSKA, ZOFIA. Formism in Polish medallic art. *The Medal* No. 11 (1987) pp. 54-58 illus.

894 PINCHES, J.H. *Medals Struck by John Pinches, A Catalogue of Works Struck by the Company from 1840 to 1969.* (London, 1987) 271 pp. illus.

895 POLCHANINOFF, R. Griliches Father & Son. *JRNS* Vol. 17 (Winter 1984-85) pp. 15-21 illus.

With the support of 2 relatives of the celebrated Russian medallic team of A.G. Griliches and his son A.A. Griliches (active ca. 1880-1912), the author provides biographical material and an appreciation of their coin and medallic work at the St. Petersburg mint. (Randolph Zander)

896 POLCHANINOFF, R. The Amateurs of the Russian Military Past. *JRNS* No. 25 (Winter 1986-87) pp. 7-13.

The author outlines the history of this historically-minded group, and illustrates and describes 8 medals produced by it.
(*Randolph Zander*)

897 PROCHÁZKA, VÁCLAV. La médaille Tcheque contemporaine. *The Medal* No. 10 (1986) pp. 46-53 illus.

898 QUARCOOPOME, EBENEZER NII. The Indian Peace Medal of King George I. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 1-17 illus. ISBN 0-89722-226-1.

The author identifies 3 obverse and 3 reverse dies used to strike bronze (or copper) medals bearing the portrait and name of George I on obverse and on reverse, a woodland scene featuring an American Indian. The series is presumed to have been awarded to American Indian Chiefs by George I (and therefore of the "Indian Peace Medal" category); however, the author establishes this run as having been produced privately for use in the fur trade as premiums ca. 1720-25. A catalogue of known examples is appended.
(*Author*)

899 REID, DAVID. A new technique for the casting of medals. *The Medal* No. 10 (1986) p. 60.

900 REITER, ED. My Two Cents' Worth: From Russia With Love. *COINage* Vol. 24 No. 7 (July 1988) p. 8 illus.

Russian émigré Alex Shagin has designed a medal in honor of Irving Berlin, issued in a limited edition of 500 pieces. Among those previously honored on his medals are Alexander Solzhenitsyn, Andrei Sakharov and Anatoly Shcharansky.

(*Candace Carter*)

901 REITER, ED. My Two Cents' Worth: It's a Three-Way Honor. *COINage* Vol. 24 No. 5 (May 1988) p. 12.

A 1987 medal, issued by the U.S. Capitol Historical Society, honored all three branches of the U.S. government to mark the bicentennial of the U.S. Constitution. Marcel Jovine designed the medal.

(*Candace Carter*)

902 REMICK, JERRY. A Medal for the 125th Anniversary of the Societe D'archeologie et de Numismatique de Montreal. *CNJ* Vol. 33 No. 5 (May 1988) p. 210 illus.

The medal, designed by Jacques Poulin, and engraved by Paul Kasnakian, issued in December 1987, for the society located in the Chateau Ramezay of Montreal, is described.

(*Candace Carter*)

903 REYNOLDS, ROBERT H. Philippine Distinguished Conduct Star. *MC* Vol. 38 (Dec. 1987) pp. 9-13

904 REZAK, IRA L. Thoughts on Russian Medalllic Tradition. *JRNS* Vol. 21 (Winter 1985-86) pp. 34-49 illus.

The author traces the development from pre-Petrine times of the award *zolotoi* of the commemorative and "propaganda" medal, of the historical-series medals—all government-sponsored, as well as various popular genres, including the *movdovki*, the Ukrainian *Onkaches* and a great number of private *jetons* of the late 19th and early 20th centuries.
(*Randolph Zander*)

905 RICHMAN, MICHAEL. The Medals of Daniel Chester French. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 135-156 illus. ISBN 0-89722-226-1.

Having produced over 350 independent sculptures during a career that spanned over 6 decades, Daniel Chester French worked on only 9 medals. While little is known about his first effort, a medal for the Architectural League of New York, the George Dewey medal of honor (1898-99), designed to commemorate the Battle of Manila Bay is well documented by records recently discovered at the National Archives.

In 1917 French began a second period of numismatic activity producing 7 medals. With one exception, these were executed in collaboration with other artists with whom French shared production credit.

Utilizing the 32,000-plus collection of the sculptor's personal and professional letters gathered by Daniel Chester French Papers Project, the author concludes with the histories of 4 medals: *Commemoration of the Visit of the French and British War Commission to New York* (designed 1917-18 with Evelyn Longman); *Completion of the Catskill Aqueduct* (designed 1917-18 with Augustus Lukeman); *Recognition of the War Council of the American Red Cross* (designed 1919-20 with painter Will H. Low) and honoring the annual recipient of the *Pulitzer Prize* (designed 1918-21 with Lukeman). The War Commission, Catskill and Red Cross medals were subsequently issued in subscription by the American Numismatic Society.
(*Author*)

906 RÖHL, HEINZ. *Lübeck—Medaillen, Marken, Zeichen*. (Lübeck, Verlag Schmidt-Römhild 1987) 485 pp. illus. ISBN 3-7950-3201-6.

This book is the first compilation of ca. 800 medals, tokens, and badges from the town and the bishopric of Lubeck, dating from the 14th century onwards, including municipal distinctions, legitimation badges, official badges, and consular and individual medals. Information on the items was gathered and studied for over 4 years in museums and private collections in Lubeck, Berlin, Dresden, Copenhagen and at public institutions and private homes in Lubeck. The items are precisely described and illustrated 1:1.
(*Author*)

907 ROŚCISZEWSKI, JAN EMERYK. Tradycja historyczna w symbolu [Historical Tradition in a Symbol]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 112-116 illus. English summary.

The Polish military badges of the 1st Legion Ulans Regiment from 1916 and of the 7th Lublin Ulans Regiment from 1925 are presented.

(*Andrzej Mikołajczyk*)

908 ROSE-DE VIEJO, ISADORA. 'He Wore the Cloak of Grandeur'—Medallic images of Manuel Godoy. *The Medal* No. 11 (1987) pp. 31-36 illus.

909 SAM, CYNTHIA (PRATT) KENNEDY. Bela Lyon Pratt (1867-1917): Medals, Medallions and Coins. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New York, The American Numismatic Society 1988) pp. 157-182 illus. ISBN 0-89722-226-1.

Utilizing the artist's unpublished correspondence, the author reveals the personal side of this important Beaux-Arts sculptor. Detailed descriptions concerning the solicitation and execution of various medallic commissions are given; new information is provided on the incuse design created by Pratt and eventually accepted for striking the U.S. 2 1/2 and 5 dollar gold coins of the period 1908-1929. (Author)

910 SARKISIAN, G.V. Étapý Razvitiia Armianskogo Medal'ernogo Iskusstva. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 85-87. In Russian.

911 SCHILLEROVÁ, JANA. Renaissance Medals from the Kremnica mint. *The Medal* No. 10 (1986) pp. 2-7 illus.

912 SHCHUKINA, E.S. Medali Kolleksiĭ Kunstkamery v sobranii Ėrmitazha. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshcheniĭ Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ĭĭ Ėrmitazh 1987) pp. 27-28. In Russian.

913 SMOLDEREN, LUC. Un symposium sur Jean Second à Malines. *RBN* Vol. 133 (1987) pp. 201-203.

A symposium was devoted at Mechlin (Belgium) in 1986 to the humanist and medallist Janus Secundus. The papers are summarized. (Paul Naster)

914 STAHR, MARIA. Gabinet numizmatyczny [Numismatic Cabinet]. *Polska sztuka współczesna w zbiorach Muzeum Narodowego w Poznaniu*. (Poznan, National Museum in Poznan 1985) pp. 24-26 illus. Translations: Russian (pp. 64-66); German (pp. 97-99); and English (pp. 123-125).

Cursory information about the contemporary medals in the numismatic collection of the National Museum in Poznan is given. (Andrzej Mikołajczyk)

915 STAHR, MARIA. *Medale współczesne z kolekcji Muzeum Narodowego w Poznaniu* [Contemporary Medals from the Collection of the National Museum in Poznań]. (Poznań, National Museum in Poznań 1987) 13 pp. illus.

The guide to the temporary exhibition of 236 Polish medals is presented.

(Andrzej Mikołajczyk)

916 STRZAŁKOWSKI, JACEK. *Słownik medalierów* [Dictionary of Medallists]. (Warsaw, 1982) 123 pp. Introduction in Polish, English and German.

The author provides biographical information concerning ca. 1,100 medallists in Poland or connected with Poland. Individuals, who designed or produced medals, coins, medallions, plaquettes, decorations or badges, are listed in alphabetical order.

(Andrzej Mikołajczyk)

917 SWEENEY, JAMES O. Medals of the Littlest World War. *MC* Vol. 38 (Aug./Sept. 1987) 6 pp.

The author discusses the Boxer Rebellion of 1900.

(George S. Cuhaj)

918 TALVIO, TUUKKA. A political medal in disguise. *The Medal* No. 11 (1987) pp. 37-38 illus.

Lindberg's Tercentenary of the town of Vaasa, 1911, is discussed.

(Edward Besly)

919 TALVIO, TUUKKA. En politisk medalj i förklädnad [A Political Medal in Disguise]. *NNUM* No. 4 (May 1988) pp. 83-86 illus.

The article is a Swedish translation of *NL* 119-858.

(Author)

920 TALVIO, TUUKKA. English medals in the Hermitage. *The Medal* No. 10 (1986) p. 18 illus.

921 TALVIO, TUUKKA. Hedlinger's Medals of Swedish universities. *The Medal* No. 11 (1987) pp. 28-29 illus.

922 TALVIO, TUUKKA. Pohjolan aurinkokuningas vieraillee Torniossa [The Sun King of the North Visits Tornio]. *Mitali - Medaljen* No. 1 (Helsinki, Finnish Art Medal Society 1988) pp. 13-14 illus.

A medal by Arvid Karlsteen struck to commemorate a visit by Charles XI of Sweden to Tornio in 1694 is discussed. During his visit the king watched the midnight sun, and on the medal he is himself compared with the sun. This was the first medal to be connected with the present area of Finland.

(Author)

923 TALVIO, TUUKKA. The Finnish Medals of F.P. Tolstoi. *JRNS* Vol. 20 (Autumn 1985) pp. 39-43.

The circumstances of issue of 2 little-known Russo-Finnish medals of the early 19th century are presented, along with data and illustrations of the medals in question.

(Randolph Zander)

- 924** TALVIO, TUUKKA. The Gangut Medals. *JRNS* Vol. 29 (Winter 1987-88) pp. 10-17 illus.

Russian award medals and Russian and Finnish commemorative medals relating to the naval battle of Gangut in 1714 are described, discussed and illustrated.

(Randolph Zander)

- 925** TALVIO, TUUKKA. To the Citizens of Oulu. *JRNS* Vol. 30 (Spring 1988) pp. 17-20 illus.

The author discusses a Russian award medal, the circumstances of issue of which had long remained enigmatic.

(Randolph Zander)

- 926** TOLEDANO, RALPH. Le message humaniste de la médaille de Frederic de Montefeltre de Francesco di Giorgio Martini. *The Medal* No. 11 (1987) pp. 2-6 illus.

- 927** TOOLLEN, TOM. Medal of Glasnost: In Partnership with the Lenin-grad Mint. *COINage* Vol. 24 No. 2 (Feb. 1988) pp. 120, 122 illus.

The author discusses the work of Gene Czaplinsky, which culminated in an agreement to produce a Russian-American peace commemorative. The large silver medal was designed by both Russian and American artists.

(Candace Carter)

- 928** [TOPORKOV, YU.] The First Knights of the Order of St. Alexander Nevsky. *JRNS* Vol. 30 (Spring 1988) pp. 33-43 illus.

An English-language adaptation by S.G. Yasinitsky presents the author's history of the origin of the Order. Supplementing it is descriptive material on the insignia of the Order.

(Randolph Zander)

- 929** VAN DER MEER, GAY. Medaillen von Marzinus Holtzhey auf die Schlesischen Kriege. *Commentationes Numismaticae 1988. Festgabe für Gert und Vera Hatz zum 4. Januar 1988 dargebracht.* (Hamburg, 1988) pp. 321-330 illus. ISBN 3-922451-04-7.

Medals struck by the Dutch medallist Martinus Holtzhey referring to the Silesian Wars are discussed.

(Peter Ilisch)

- 930** VAN DER MEER, GAY. Medals of the Seven Years' War by Johann George Holtzey. *The Medal* No. 10 (1986) pp. 11-17 illus.

- 931** VEILLON, MARIE. Le fameux Talisman de Catherine de Medici, une invention du XVIIIe siècle? *The Medal* No. 11 (1987) pp. 24-27 illus.

- 932** VERMEULE, CORNELIUS. Medallic and Marble Memorials: Mint to Mausoleum in Victorian America. *The Medal in America*. Edited by Alan M. Stahl. Coinage of the Americas Conference, Proceedings No. 4 (New

York, The American Numismatic Society 1988) pp. 79-99 illus. ISBN 0-89722-226-1.

The art of the medal in the United States from 1830 to 1920 reflects official trends and tastes in painting (John Trumbull), in engraving (James B. Longacre), and in sculpture from the neo-classicists (Thomas Crawford) to the new vocabulary in the age of Augustus Saint-Gaudens and his pupils. The medals of the U.S. mint, from the French medalists of the Revolutionary War to the early Greek styles of John Ray Sinnock in the 1920s, are the most prolific expressions of the interrelated arts in America. Certain trends, such as the "Egyptomania" in commemorative and mortuary art of the 1840s to 1880s, or the "classical" funerary reliefs of the same period, have their reflections and parallels in medallic compositions. (Author)

933 VOADEN, R.N. Reverse Designs of the Medals of the O.N.A. *CNJ* Vol. 33 No. 5 (May 1988) pp. 199-200.

The author describes the reverses of the medals for the years 1962-75, 1977, 1979-80, 1982-83, 1985-87, struck for the Ontario Numismatic Association. (Candace Carter)

934 WANG, CHIEN-YU. Medals in memory of a Chinese leader. *WCN* (5 April 1988) p. 36 illus.

Funeral medals for Sun Yat-sen (intended to be worn as badges) are described and explained. (Joseph E. Boling)

935 WEST, WILLIAM O. The Neptunus Rex Campaign Medal. *MC* Vol. 39 (April 1988) pp. 27-30 illus.

936 ZANDER, R. Alexei Petrovich (Romanov). *JRNS* Vol. 26 (Spring 1987) pp. 36-41.

A half dozen medals associated with the history of the ill-fated son of Peter the Great are described, illustrated, and the context of their issue is set forth. (Author)

937 ZANDER, R. An Iconographic Note on Ioann III. *JRNS* Vol. 18 (Spring 1985) pp. 20-23 illus.

In addition to the coin portraiture of this ephemeral ruler there is a uniface medal which Iu. B. Iversen is inclined to attribute to him as well. (Author)

938 ZANDER, R. Anton Fedorovich Vasiutinskii. *JRNS* Vol. 28 (Autumn 1987) pp. 38-45.

The author presents a biography, medallic selection, and evaluation of the work of this medallist who was active at the Petersburg/Leningrad Mint from 1893 to 1935. (Author)

939 ZANDER, RANDOLPH. Fedor Petrovich Tolstoi. *JRNS* Vol. 13 (Winter 1983-84) pp. 14-18 illus.

A biography and appreciation of the medallic work of this Russian artist are given.
(Author)

940 ZANDER, R. Ivan Fedorovich Kruzenshtern. *JRNS* No. 27 (Summer 1987) pp. 22-27.

Two medals commemorating this Russian sailor and his works are pictured and described, and the circumstances leading to their issuance are outlined. (Author)

941 ZANDER, RANDOLPH. The Great Medal Rescue. *JRNS* Vol. 12 (Autumn 1983) pp. 27-29.

An ad hoc syndicate of Russian émigrés worked together to keep in Russian hands the majority of the medals in the Christies 1950 auction of items belonging formerly to the Grand Duke Georgii Mikhailovich. (Author)

942 [ZANDER, R.] The Legislative Commission Medal. *JRNS* Vol. 22 (Spring 1986) pp. 8-9 illus.

The circumstances of the issue of this medal are discussed: it served as a de-facto badge of office rather than as a commemoration, and it was to be returned to the state upon the Commission member's death. (Randolph Zander)

For additional references to medals and decorations, see the following abstracts:

General, Nos. 37, 49, 59.

Western and Central Europe, Nos. 588, 611, 651,

Eastern and Central Europe, Nos. 724, 726, 730, 744.

Canada, No. 784.

PRIMITIVE MONEY

943 MOLLOY, ANNE. *Wampum*. (New York, Hastings House c.1977) 128 pp. illus.

944 ROBINSON, MICHAEL. A Siamese Amulet? *ONSN* No. 97 (Aug.-Sept. 1985) p. 4 illus.

A metal piece from Thailand identified as either an amulet or a type of "animal money" is discussed. (Candace Carter)

For additional references to primitive money, see the following abstracts:

General, No. 57.

Roman, Nos. 277, 286.

Mexico, Central and South America, No. 790.

PAPER MONEY

945 AKBAŞ, ISA. Yeni Cumhuriyet Bantnotlarının Eskileri ile Değişimi [Replacement of Old Republican Paper Monies with the New]. *Bülten-TürkNumSoc* Vol. 24 (1988) pp. 27-30.

The article contains an interesting document about the collection from the market of out-of-issue monies during Ottoman times. (Ömer Diler)

946 BARRET, WILLIAM L.S. The World's First Bank Notes: Europe's First Paper Money; The Palmstruch Notes. *IBNS* Vol. 26 No. 4 (Dec. 1987) pp. 100-103 illus.

The notes of the Stockholm Banco issued by Johan Palmstruch are surveyed and a 100 daler silvermynt note of 1666 is described in detail. (Joseph E. Boling)

947 BARTKOWIAK, ZBIGNIEW. Pieniądz zastępczy miasta Poznania w latach 1916-1923 [Substitutional Money of the City of Poznan in the Years 1916-1923]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 103-111 illus. English summary.

The city of Poznan began to issue its emergency money during World War I in 1916. The money consisted of paper notes, which were soon replaced by tokens. Following liberation from Prussian occupation in late 1918, the city issued more notes in the mark currency which remained in circulation until 1923. There were some forgeries. (Andrzej Mikołajczyk)

948 BERGLUND, A., TALVIO, T. and ZANDER, R. Russian-American Company Scrip Notes—Some Observations. *JRNS* Vol. 28 (Autumn 1987) pp. 9-24.

Early paper and later parchment scrip notes are described and pictured. Methods of printing, application of serial numbers and signatures are discussed as diagnostics for the possible determination of the issue to which a note may be attributed. Variants are described and illustrated. (Randolph Zander)

949 BURKE, BRYAN. *Nazi Counterfeiting of British Currency during World War II: Operation Andrew and Operation Bernhard*. (San Bernardino, CA, The Book Shop 1987) 105 pp. illus. ISBN 0-9618274-0-8.

A comprehensive study of the subject, thoroughly researched, with considerable information never published previously or never assembled in one volume, is published. Many technical production details are given, including British anticounterfeiting techniques. Many differences between original and counterfeit notes are shown in high quality enlargements, post-production processing and distribution, and the British reaction to the appearance of the high-quality counterfeits in international commerce are described in detail, as are the German attempts to keep the operation secret after it was closed. (Joseph E. Boling)

- 950 Commemorative Note a First. *ACR* Vol. 24 No. 8 (Feb. 1988) pp. 13-15.

The article explains the technology used in printing the 1988 Bicentenary commemorative \$10 Australian note. The designs on the note show a settlers' ship arriving at Sydney Cove, and figures of Australian Aborigines. (*John Melville-Jones*)

- 951 DE BAECK, PAUL. Le papier monnaie français du XVIIe siècle. *Vie num* Vol. 38 (April-May 1988) pp. 107-118.

The author discusses the history of French paper money from the 17th and 18th century. He deals with the *billets de monnaie* of Louis XIV, the *billets de la caisse d'escompte* and the assignats. (*Johan van Heesch*)

- 952 EISERMANS, JOS. F.M. Mysterious Egyptian Overprints. *IBNS* Vol. 26 No. 4 (Dec. 1987) p. 111 illus.

Anomalous overprints on the backs of minor Egyptian notes are discovered to be related to the Moslem "Feast of the Candles" on the seventh day after a baby's birth. The overprinted notes are for distribution as gifts at the ceremony.

(*Joseph E. Boling*)

- 953 ENDER, CELIL. Tedavüle Çikarılmanış İnönü Resimli 100 Liralik Banknot [A Non-issue 100 Lira Note, Carrying the Picture of İnönü]. *Bülten-TürkNumSoc* Vol. 23 (1987) pp. 24-25.

The author discusses the newspaper article on 18 April 1941 concerning this note, which has never been issued.

(*Ömer Diler*)

- 954 FENGLER, HEINZ. Wandlungen im deutschen Geldverkehr durch den bargeldlosen Zahlungsverkehr unter besonderer Berücksichtigung der Postdienste. *Berliner Numismatische Forschungen* Vol. 1 (Berlin, VEB Deutscher Verlag der Wissenschaften 1987) pp. 89-104.

The changes in the German money circulation by the payment by checks and the postal service are discussed.

(*Paul Arnold*)

- 955 GIBB, ALISTAIR. The Double Date Mystery: Douglas, Heron, and Co.—Bankers in Ayr. *IBNS* Vol. 26 No. 4 (Dec. 1987) p. 107.

A hypothesis concerning the appearance of 2 dates on certain very rare notes of a Scottish provincial bank is given. The notes are hand-dated 6 November 1769, the date the bank opened. A second date, 28 September 1772, is stamped in red at the upper left of some of the extant notes. The author concludes that the second date pertains to the continuation of the notes in circulation after the bank entered bankruptcy.

(*Joseph E. Boling*)

- 956 GRIFFIN, R.H. *Bank of New Zealand Banknotes 1861-1934*. (Wellington, Bank of New Zealand 1987) 74 pp. color illus.

"Produced to celebrate the 125th year of the bank." A history of the bank's issues, most illustrated, including previously unlisted issues for Fiji and the exceptionally rare issues for Western Samoa and New South Wales is given. (*Joseph E. Boling*)

957 HANNEMANN, WALTER. Es gibt ihn noch—den “goldenen Hochzeitszehner.” *Westfalia Numismatica 1988. Schriftenreihe Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 109-111 illus.

On the occasion of the golden jubilee of the marriage of the great duke of Mecklenburg-Strelitz 40 pfennigs were to be distributed to all inhabitants of Neustrelitz. Due to the lack of the necessary amount of small change, paper tokens were printed.
(Peter Ilisch)

958 HEBERT, R.J. “Not in Kardakoff.” *JRNS* Vol. 26 (Spring 1987) pp. 11-19.

Based on a review of Soviet Far Eastern notes in the Smithsonian, the author catalogues and illustrates 33 types not appearing in the authoritative Kardakoff catalogue of Russian paper money.
(Randolph Zander)

959 IVOCHKINA, N.V. Usloviia Vozniknveniiia Bumazhno-Denezhnogo Obrashcheniis v Kitae. *Novoe v Sovetskoi Numizmatike i Numizmaticheskome Muzevedenii.* Kratie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn’ii Ermitazh 1987) pp. 31-32. In Russian.

960 KOPPATZ, JÜRGEN. Zu den Sicherungsfragen bei den Reichsbanknoten und Rentenbankscheinen des Deutschen Reiches 1919-1945. *Annalen 1987 Arbeitskreis Geldscheine und Wertpapiere* (or *NH* No. 42) (Berlin, 1987) pp. 3-12.

The author discusses the methods used as a protection against forgers.

(Paul Arnold)

961 KÜHNE, HEINRICH. Historische Irrtümer auf den Stadtgeldscheinen Wittenbergs von 1922. *Annalen 1987 Arbeitskreis Geldscheine und Wertpapiere* (or *NH* No. 42) (Berlin, 1987) pp. 40-43.

The author discusses the historical blunders on the emergency money of the city of Wittenberg.

(Paul Arnold)

962 LINKE, WALTER. Der 1000-Rentenmark-Schein vom 1. November 1923. *Annalen 1987 Arbeitskreis Geldscheine und Wertpapiere.* (or *NH* No. 42) (Berlin, 1987) pp. 13-19.

The 1000-Rentenmark banknote is described in detail.

(Paul Arnold)

963 MADER, JULIUS. Erste Übersicht deutscher Wertpapierfabriken und -druckereien auf dem Territorium der DDR. *NumBeitr* Vol. 20 No. 4 (1987) pp. 159-161.

The author gives an overview concerning the manufacture of bonds.

(Paul Arnold)

964 MARQUARDT, WILHELM. Antifaschistische Agitation auf Geldscheinen während des 2. Weltkrieges. *Annalen 1987 Arbeitskreis Geldscheine und Wertpapiere* (or *NH* No. 42) (Berlin, 1987) pp. 36-39.

The author discusses the propagandistic words on paper money directed against the Nazi regime. (Paul Arnold)

965 MARR, DENNIS F. Leprosaria numismatica: The use of restricted money in HD facilities. *The Star* (July/August 1987) pp. 10-11 illus.

The Star is a patient publication of the U.S. Hansen's Disease Center, Carville, Louisiana. Reprinted with editorial changes and without footnotes as "Money of the leper colonies," *WCN*, 1 Dec. 1987, pp. 20, 22, illus.

The reasons (now medically discounted) for issuing special coins and notes for HD patients and a survey of such special issues are presented. (Joseph E. Boling)

966 MARSHAK, M.B. Istoriia Zrmitashnogo Sobraniia Russkikh Bumazhnykh Denezhnykh Znakov. *Novoe v Sovetskoi Numizmatike i Numizmaticheskoi Muzevedenii*. Kratkie Tezisy Dokpadov i Soobshchenii Nauchnoi Konferentsii. 14-16 Oktiabria 1987 g. (Leningrad, Gosudarstvenn'ii Ermitazh 1987) pp. 32-33. In Russian.

967 NADER, A.F. Republic Islam Indonesia JIM Overprints. *IBNS* Vol. 26 No. 4 (Dec. 1987) p. 116.

The author follows up two earlier articles with a report of additional finds of Indonesian JIM overprinted by the RII. (Joseph E. Boling)

968 NICHOLSON, ALAN L. Australia's First Notes: the Superscribed Notes. *JNAAus* Vol. 4 (March 1988) pp. 26-28.

In 1910 experiments were conducted in overprinting private banknotes in various colors. (John Melville-Jones)

969 NICHOLSON, ALAN L. Details of Test Run. *ACR* Vol. 24 No. 11 (May 1988) pp. 36-37.

Banknotes in 5 denominations were produced in Australia on a trial basis in 1910. It was intended that they should circulate in New Zealand, and specimens are now kept in Wellington. (John Melville-Jones)

970 PAYTON, MIKE. The Panay Note: 50 Years Later. Survivor of a Forgotten Tragedy. *IBNS* Vol. 26 No. 4 (Dec. 1987) pp. 112-116 illus.

A note salvaged from the gunboat U.S.S. Panay after she was sunk in the Yangtze River by the Japanese on 12 December 1937 is presented. After recovery, the note's origin was attested by an officer of U.S.S. Augusta, the salvaging ship, in a statement typed on the note. It was then signed by numerous other persons whose connection with the Panay incident is not known. (Joseph E. Boling)

- 971 POSSELT, GERT.** *Pengesedler i Danmark 1787-1945* [Danish Banknotes 1787-1945]. (Copenhagen, Nationalmuseet 1987) 28 pp. illus. In Danish.

This nicely illustrated pamphlet was produced in connection with a donation of drawings, prototypes and printing plates to the Royal Coin Cabinet, Copenhagen, from the Danish National Bank. (Ulla Westermarck)

- 972 PTASZYŃSKI, JANUSZ.** Kolej emitentem pieniądza [Railway Issuing Money]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 127-135 illus. English summary.

During the great inflation in Germany after World War I the District Managements of the German State Railways in Wrocław and in Opole issued notes in 1923. The same was done by the Eastern District Management in Frankfurt on Odra.

(Andrzej Mikołajczyk)

- 973 RICHTER, EDGAR.** Russische Eisenbahnobligationen. *Annalen 1987 Arbeitskreis Geldscheine und Wertpapiere* (or *NH* No. 42) (Berlin, 1987) pp. 26-35.

The Imperial Russian railroad bonds are treated in detail. (Paul Arnold)

- 974 ROSENBERG, L.** Wine-label Currency. *JRNS* Vol. 15 (Summer 1984) pp. 37-39 illus.

In Yakutia in eastern Siberia in 1918-19 wine-bottle labels, with written or printed labels on the blank reverse, were put into emergency circulation as paper money. The author outlines the circumstances and lists and describes the varieties known to him. (Randolph Zander)

- 975 SACHSE, JÖRG.** Das Notgeld von Mecklenburg-Strelitz 1914-1924. *NH* No. 34 (Neubrandenburg 1987) pp. 28-39.

The author gives an overview of the issues of emergency money from Mecklenburg-Strelitz. (Paul Arnold)

- 976 TREVES, JAK.** Reşad 25 Liralareda İlginç Bir Durum [An Interesting Observation on Reşad 25 Liras]. *BültenTürkNumSoc* Vol. 23 (1987) pp. 17-19.

The author presents two 25 lira pieces, struck in the Ottoman period, bearing the same serial number. (Ömer Diler)

- 977 TURRO I MARTINEZ, A.** *El paper moneda català a la Franja de Ponent, 1936-1939.* (Barcelona, El Llamp 1988) 208 pp.

Bills from the Civil War in the Aragon administration of the lower Catalanian territory are published. (Leandre Villaronga)

- 978 UHL, TED.** Walrus Skin Money. *JRNS* Vol. 7 (June 1982) pp. 5-9 illus.

The notes of the Russian-American Company issued for Alaska are described, pictured, and a census of known specimens is presented. (Randolph Zander)

979 ZACHARIAS, WINFRIED. Wieviele Lücken gibt es in der westfälischen Geldgeschichte der Neuzeit? *Westfalia Numismatica* 1988. *Schriftenreihe Münzfreunde Minden* No. 13 (Minden, Münzfreunde Minden, Bäckerstr. 24, 1988) pp. 112-116 illus.

Hitherto unpublished emergency paper money of the iron mine in Eiserfeld printed in 1918 and overprinted with higher denominations due to high inflation in 1923 are presented. (Peter Ilisch)

980 ZANDER, R. Alaska Scrip Notes - II. *JRNS* Vol. 8 (Sept. 1982) pp. 6-11 illus.

A history of the notes in question is presented, including some variants. Errors in the *JRNS* article on Walrus Skin Money (NL 120-978) are corrected. (Author)

For additional references to paper money, see the following abstracts:

United States, Nos. 759, 760, 762, 763, 772, 773.

Canada, Nos. 782, 784.

Oceania, Nos. 807, 969, 970.

Tokens and Jetons, No. 1014.

TOKENS AND JETONS

981 BENICE, RONALD, J. Alaska Food Stamp Tokens. *TAMSJ* Vol. 28 (April 1988) pp. 47-58.

982 BROUILLETTE, PIERRE. Jetons Laiterie Lowe de Lachute. *CNJ* Vol. 33 No. 2 (Feb. 1988) pp. 64-67 illus.

A history of the Lowe Brothers Dairy is given; tokens are illustrated.

(Candace Carter)

983 CLAYTON, PETER A. Henry Morgan, A nineteenth century token manufacturer of Rathbone Place. *SCMB* No. 821 (June 1987) pp. 160-163 illus.; No. 823 (Sept. 1987) pp. 227-229 illus.; No. 824 (Oct. 1987) p. 273 illus.

984 DELGRANGE, DOMINIQUE. Een document van de Rekenkamer van Vlaanderen en Artesië betreffende een rekenpening van 1529 [A Document of the Audit Office of Flanders and Artois Relating to a Token of 1529]. *JEGMP* (1987) pp. 145-150 illus.

A document kept in the record office of the Département du Nord at Lille relates to this token, probably struck at the Bruges mint. (Paul Naster)

985 DENGIS, JEAN-LUC. Un nouveau méreau à attribuer à la collégiale Saint Barthélémi de Liège. *Vis num* Vol. 37 (1987) pp. 272-273 illus.

On 18 January 1713 the proclamation was issued that the poor of Liège should wear a lead jeton to distinguish themselves from the foreign poor. A jeton, possibly related to the beggars, is discussed.
(Paul Naster)

986 GILBERT, JOHN R. 17th Century Trade Tokens from the Thames, 1981-86. *SCMB* No. 822 (July/Aug. 1987) pp. 191-199 illus.

The author lists 33 river-finds, nearly half previously unpublished.

(Edward Besly)

987 HANCOCK, S.L. John Sayes: a seventeenth century token issuer in Tenby. *SCMB* No. 826 (Dec. 1987) pp. 347-349 illus.

988 HERSHEY, RODGER E. The Greenbrier and Cottage. *TAMSJ* Vol. 28 (Feb. 1988) pp. 5-9.

The tokens and history of the Greenbrier Resort are discussed.

(George S. Cuhaj)

989 HOLLINK, G. Porcelain Chinese-Siamese Pee Tokens 'Ramsden and two 1/16 of a Song-Pei'. An essay to rectify the wrong conclusion of Ramsden after 75 years. *ONSV* Nos. 110 and 111 (Jan-Feb. 1988 and March-April 1988) illus.

The author discusses Ramsden's attribution of the 1/16 song-pei and puts forward an alternative viewpoint.

(Stan Goron)

990 KENIS, YVON. Variante inédite d'un jeton de Théodore van Berckel. *Vis num* Vol. 38 (June 1988) pp. 152-153 illus.

A small, octagonal jeton engraved by Th. van Berckel and commemorating the Austrian Victory at Neerwinden in 1793 (Feuardent 14065-14067) shows under the reverse inscription an eagle with open wings and a laurel branch instead of two branches.

(Johan van Heesch)

991 KLÜSSENDORF, NIKLOT. Bemerkungen zu einigen neuzeitlichen Bleimarken aus Hessen. *HessJbLandesgesch* Vol. 37 (1987) pp. 373-384 illus.

The publication of 5 lead tokens from Homberg (Lower Hesse) and Kirchhain, including a methodical approach to the identification of 16th to 19th century tokens incorporated in the context of archaeological, heraldic and sphragistic evidence, is given.

(Author)

992 MALKIN, DUFF. Tulk Enterprises in British Columbia. *CNJ* Vol. 33 No. 3 (March 1988) pp. 119-121 illus.

A brief historical background of the Tulk family in British Columbia is given. The

tokens issued by the Diamond Liquor Co. and the Gold Seal Liquor Co. are illustrated.
(Candace Carter)

993 MC NEICE, ROGER V. Olof Hilmer Hedberg—Sailor, emigrant, whaler, merchant and fireman—token issuer of Hobart Town. *JNAAus* Vol. 4 (March 1988) pp. 45-48.

Hedberg issued tokens at Hobart, Tasmania, between 1854 and 1876.
(John Melville-Jones)

994 MEERT, CHRISTIAN. Un méreau du XVII^e siècle attribué à Dinant. *Vie num* Vol. 37 (1987) pp. 227-228 illus.

A token, probably struck at Dinant (Belgium) after 1633, and its use are briefly discussed.
(Paul Naster)

995 MILLER, WILLIAM T. Delaware Merchant Tokens *TAMSJ* Vol. 28 (April 1988) 33 pp. illus.

996 MITCHINER, M.B., MORTIMER, C. and POLLARD, A.M. Nuremberg and its Jetons, ca. 1475 to 1888: Chemical compositions of the alloys. *NC* Vol. 147 (1987) pp. 114-155.

The chemical compositions of 309 Nuremberg jetons were determined by x-ray fluorescence. Copper, zinc, tin, lead, silver, nickel, arsenic, antimony and iron were quantified against a range of standards. Discussion focused on evolution of both major element and trace element composition. The former reflects the changing recipes of alloys favored by guild masters. Selected jetons made after 1550 were signed by masters whose dates are known from original guild archives. Trace element composition is discussed in the context of such factors as ore sources, mining and refining technology, the international copper trade and technical aspects of brassmaking.
(Authors)

997 MORICE, DAVE. Boardgame Tokens: The Game of Games. *TAMSJ* Vol. 28 (Aug. 1988) pp. 141-163.

Fifty-six sets totalling 503 different designs are listed and described.
(George S. Cuhaj)

998 NEEDLEMAN, SAUL B. The Farthing Token as an Economic Necessity. *TAMSJ* Vol. 27 (Oct. 1987) pp. 181-182.

999 NIVAILLE, JEAN. Les jetons des secrétaires du roi et le type de l'essaim d'abeilles. *RBN* Vol. 133 (1987) pp. 155-178 illus.

The jetons of the secretaries of the kings of France, from the 16th century onward, but especially Louis XIV, XV and XVI, with a bee swarm figured on them are discussed and considered in their historical and institutional context.
(Paul Naster)

1000 PASZKIEWICZ, BORYS. Alzbieta z Boboluski "pierwszy polski pieniądz pańszczyźniany" [Alzbieta of Boboluski and "The First Token of Polish Dominion"]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 98-103 illus. English summary.

The author discusses the token formerly believed to be the oldest coin of the Polish dominion, inscribed **ALŻBIETA Z BOBOLVSK. G.P.Z.P.N II WIZSI PISARZ.** Nevertheless, the translation of the legend shows that it was apparently the Moravian token issued in 1575 commemorating the wedding of Alzbieta of Boboluski with the notary general of Moravia.
(*Andrzej Mikołajczyk*)

1001 PEARCE, R.F. A Royal Canadian Mint Stainless Steel 25 Cent Token. *CNJ* Vol. 33 No. 1 (Jan. 1988) pp. 5-6 illus.

The issue of Bangladesh tokens made of stainless steel alloys struck by the Canadian government in 1977 is described. This contract won by the Royal Canadian Mint superseded that first won by the East German Mint after Bangladesh became an independent state in 1971.
(*Candace Carter*)

1002 RECH, MANFRED. Auf den Spuren der spätmittelalterlichen Burg Beyenburg. Eine archäologische Untersuchung. *Romerike Berge*. (D-5650 Solingen 1, Schlossbauverein Burg an der Wupper und Bergischer Geschichtsverein 1987) Vol. 37 No. 3 pp. 37-46 illus. ISSN 0485-4306.

On pp. 44-45 the find of a late medieval jeton of cross/crown and "Ave Maria Gratia Plena" -type is reported.
(*Peter Ilisch*)

1003 REMICK, JERRY. A \$2.00 Fine Pewter Trade Token. *CNJ* Vol. 33 No. 5 (May 1988) pp. 185-186 illus.

The token made for the 13th annual Canadian Craft Show in Toronto, 1987, with the legend **ONE OF A KIND**, is discussed.
(*Candace Carter*)

1004 REMICK, JERRY. Fort Vermilion's Bicentennial \$3 Trade Token. *CNJ* Vol. 34 No. 7 (July/Aug. 1988) p. 296.

The Fort Vermilion and District Bicentennial Association issued a \$3 trade token to mark the 200th anniversary of the first settlers in the area. The obverse depicts a lone trapper paddling his canoe down the Peace River with the legend **WHERE ALBERTA BEGAN /1788-1988/ FORT VERMILION**; the reverse, the logo of The Land of the Mighty Peace Tourist Association, with the legend **ZONE 8 MIGHTY PEACE**.
(*Candace Carter*)

1005 RODGERS, KERRY A. and CANTRELL, CAROL. Illegal Currency Tokens of World War II Fiji. *IBNS* Vol. 26 No. 4 (Dec. 1987) pp. 104-106 illus.

A brief history and a catalogue of minor denomination currency chits issued by Fiji businesses during a World War II coinage shortage is given. (*Joseph E. Boling*)

1006 SALVESEN, H. The Baltic Trade Dollar. *JRNS* Vol. 6 (Spring 1982) pp. 4-10 illus.

The origin and history of the Baltic trade dollar is traced, and a brief catalogue of the coins is presented. (Randolph Zander)

1007 SALVESEN, H. Baltic Trade Dollars - II. *JRNS* Vol. 7 (Summer 1982) pp. 10-12.

The article in *JRNS* No. 6 is supplemented. See *NL* 120-1006.

(Randolph Zander)

1008 SCHMIDT, ANDRZEJ. Płatnicze żetony prądowe [The Electric Power Tokens]. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 187-193 illus. English summary.

Tokens used for the electric power meters in Silesia, Great Poland, and Pomerania in the early 20th century are catalogued and discussed. (Andrzej Mikołajczyk)

1009 SHISHKIN, A. P. Metal tokens of the Ukraine. *JRNS* Vol. 22 (Spring 1986) pp. 35-41 illus.

The author compiles the available data on private tokens issued from ca. 1855 to ca. 1925, including estate, factory, cooperative and related issues, and provides historical sketches of the issuing authorities. (Randolph Zander)

1010 SHISHKIN, A. Russian Trade Tokens. *JRNS* Vol. 14 (Spring 1984) pp. 27-33 illus.

The author sketches the history of late 19th and early 20th century trade tokens, and essays a catalogue of these, categorized under cooperative organizations, commercial enterprises, hotels and restaurants. (Randolph Zander)

1011 SHISHKIN, A. Waterworks Tokens. *JRNS* Vol. 16 (Autumn 1984) pp. 20-25 illus.

Chits, usually of paper, were used to facilitate the distribution of water in various municipalities. Less often, metal chits served. The author lists and pictures a number of these and provides data on their origin, where possible. (Randolph Zander)

1012 Shoe Tokens Set the Pace. *ACR* Vol. 24 No. 11 (May 1988) pp. 11-17.

The Armstrong shoe store at Frankston near Melbourne, Australia, has issued 360 different types of tokens, with a total mintage of 125,000, since 1977. The tokens are redeemable at the store for \$1. (John Melville-Jones)

1013 SIKORSKI, BOGUMIŁ. *Monety zastępcze i żetony tramwajowe z ziem polskich* [The Tram Substitutional Coins and Tokens from the Polish Territories]. (Piła, Polish Archaeological and Numismatic Society 1987) 99 pp. illus.

The catalogue with historical introduction of the tram tokens used in the towns of Silesia, Great Poland, Pomerania and Warmia under the Prussian rule in the early 20th century, is compiled.
(*Andrzej Mikołajczyk*)

1014 SZYMAŃSKI, ZBIGNIEW. Znaki rozliczeniowe dóbr Strykowo [The Tokens of Strykowo Estate under Dominion]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 143-144 illus.

On the O. von Treckow's estate in Strykowo, Great Poland, the tin tokens and paper notes were used for counting the volume of gathered potatoes in the early 20th century.
(*Andrzej Mikołajczyk*)

1015 SZYSZKIN, ALEKSANDER. O identyfikacji polskich monet dominialnych [About Identification of the Coins of Polish Dominion]. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 125-127 illus. English summary.

The author describes 2 tokens: one issued for the Duke Adam Czartoryski's estate in Podolia in 1833 and the other for the dominion of A. Skrzyński in Dąbrowa, Central Poland, in 1861.
(*Andrzej Mikołajczyk*)

1016 THOMPSON, R.H. Norweb Tokens, Part 1: Additions and Corrections to the Provenances. *NCirc* Vol. 95 No. 10 (Dec. 1987) pp. 323-324.

1017 WHITTET, T.D. Kent Apothecaries' and Barber-Surgeons' tokens and their issuers. *ArchCantiana* Vol. 103 (1986) pp. 69-78 illus.

1018 WHITTET, T.D. Somerset Apothecaries' tokens and their issuers. *ProcSomerset ArchNaturHistSoc* Vol. 130 (1986) pp. 127-133 illus.

1019 WILLEY, R.C. Slogans Found on Canadian Colonial Tokens. *CNJ* Vol. 33 No. 1 (Jan. 1988) pp. 36-39.

This article is a continuation of an earlier article. The author briefly discusses a variety of tokens, including Self Government and Free Trade, Ships Colonies & Commerce, Wellington Waterloo Trade, Victoria Nobis Est, Vexator Canadensis, etc.
(*Candace Carter*)

1020 WOJTULEWICZ, HENRYK. Żetony/marki/wodociągów lubelskich z przełomu XIX i XX wieku [Tokens of the Lublin Water Conduits from the Turn of the 19th-20th Centuries]. *Studia i Materiały Lubelskie* Vol. 10 (1985) pp. 33-46 illus. English and Russian summaries.

The water conduits in Lublin, east Poland, issued tokens of brass, bronze and zinc in one value (one pail of water). This issue is dated to 1895-1900. The succeeding issue, dated to 1912-1913, was only in zinc.
(*Andrzej Mikołajczyk*)

1021 ZANDER, R. Beard Tokens. *JRNS* Vol. 12 (Autumn 1983) pp. 14-23 illus.

1022 ZANDER, R. Russian personal and family jetons. *JRNS* Vol. 20 (Autumn 1985) pp. 5-18 illus.

The role of family jetons—a type not widely known or used in Russia—is set forth and an illustrated catalogue, with biographical data on those issuing the jetons, is presented. (The first of two articles, see also *NL* 120-1023). (Author)

1023 ZANDER, R. Russian personal and family jetons - II. *JRNS* Vol. 21 (Winter 1985-86) pp. 14-33 illus.

The article concludes a catalogue of Russian jetons of the carte-de-visite type of the late 18th and early 19th centuries. The jetons are described and illustrated and brief historical notes on the issues provided. (Author)

For additional references to tokens and jetons, see the following abstracts:

General, No. 30.

Western and Central Europe, Nos. 588, 611.

Eastern Europe and the Balkans, No. 730.

United States, No. 778.

Canada, Nos. 782, 784.

Oceania, Nos. 806, 833.

Medals and Decorations, Nos. 904, 906.

Paper Money, Nos. 947, 956.

REVIEWS

AMBRUS, BELÁ. Magyarország papírszükségpénzei 1914-től 1919. VIII. 1-ig. [Hungarian Paper Emergency Money 1914- 1.8.1919]. Rev. E. Pinske *NumBeitr* Vol. 20 No. 4 (1987) pp. 188-189.

ARCHIBALD, MARION M. and BLUNT, C.E. Sylloge of Coins of the British Isles. 34. British Museum Anglo-Saxon Coins. V. Athelstan to the Reform of Edgar 924-ca. 973. London 1986. Rev. H.E. Pagan *BNJ* Vol. 56 (1986) pp. 192-193.

The Arthur S. Dewing Collection of Greek Coins. New York 1985. Rev. M. Amandry *REG* Vol. 99 (1987) p. 160; L. Kokociński *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 193-194.

BAHRFELDT, EMIL. Brandenburgisch-preussische Münzstudien. Rev. U. Busch *NumBeitr* Vol. 20 No. 3 (1987) pp. 142-143.

BASTIEN, PIERRE C.V. Le Monnayage de l'atelier de Lyon du regne de Jovier á la mort de Jovin (363-413). Numismatique romaine, Essais, Recherches et Documents XVI. Wetteren, 1987. Rev. C.C. Lorber *SAN* Vol. 17 No. 3 (June 1988) pp. 48-50.

BEDOUKIAN, PAUL Z. The Coinage of the Armenian Kingdoms of Sophene and Commagene. *ANSMN* Vol. 28 (1983) pp. 71-87. Rev. Kh. Moushegian *Putna-Banasirakan Handes (Historical-Philological J.)* Vol. 4 No. 11 (1985) pp. 208-212. In Armenian.

BIAŁKOWSKI, ANDRZEJ. Mennictwo Rosji XVII-XVIII w. Warszawa 1983 (1986). Rev. E. Safuta and M. Czerski *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 195-198.

BLACKBURN, M.A.S., Editor. Anglo-Saxon Monetary History, Essays in Memory of Michael Dolley. Leicester 1986. Rev. K. Jonsson *BNJ* Vol. 56 (1986) pp. 193-194.

BONTIGLIO, G. (Editor). Il 'Capitolare dalle Broche' della Zecca di Venezia. Padua 1984. Rev. A. Stahl *NC* No. 147 (1987) pp. 194-196.

BOON, GEORGE C. Welsh Hoards 1979-1981. Cardiff 1986. Rev. N. Mayhew *BNJ* Vol. 56 (1986) pp. 194-195.

BRAUER, GEORGE C. JR. Taras: It's History and Coinage. New Rochelle, NY, Aristide D. Caratzas 1986. Rev. A.A. Kleeb *SAN* Vol. 17 No. 3 (June 1988) pp. 59-60.

BROWN, L. A Catalogue of British Historical Medals, 1837-1901. London 1987. Rev. M.P.J. *The Medal* No. 11 (1987) p. 67.

BRUUN, PATRICK M. Die spätromische Münze als Gegenstand der Thesaurierung. Studien zu den Fundmünzen der Antike. Bd. 4, 1987. Rev. Kjeld Grønder-Hansen *NNUM* No. 2 (1988) pp. 40-41.

CARRADICE, I. *Coinage and Administration in the Athenian and Persian Empires*. BAR International Series, No. 343. Oxford 1987. Rev. A. Burnett *NCirc* Vol. 95 No. 8 (Oct. 1987) p. 259.

CARRADICE, I. *Coinage and Finances in the Reign of Domitian A.D. 81-96*. (BAR International Series 178, 1983). Rev. D.W. MacDowell *NC* No. 147 (1987) pp. 192-194.

CASEY, P.J. *Understanding Ancient Coins: an Introduction for Archaeologists and Historians*. London 1986. Rev. I.A. Carradice *NC* No. 147 (1987) pp. 189-191.

Catalogue of the Celtic Coins in the British Museum with supplementary material from other British collections by Derek Allen. Vol. I. Silver coins of the East Celts and Balkan Peoples. Edited by J. Kent and M. Mays. London 1987. Rev. I. Youroukova *Numismatica* Vol. 21 No. 4 (1987) pp. 40-42.

CHALLIS, C.E. and DYER, G.P. *The Arms of the Royal Mint*. London 1986. Rev. W. Slayter *BNJ* Vol. 56 (1986) pp. 199-200.

CH'EN, HUNG HSI. *Wan Ch'ien Chi [Collection of Curio Coins]*. T'aihung, Taiwan 1987. Rev. Landon Ross *NI* Vol. 22 No. 5 (May 1988) p. 118.

CLAIN-STEFANELLI, ELVIRA E. *Numismatic Bibliography*. Munich 1985. Rev. H. Fengler *Berliner Numismatische Forschungen* Vol. 1 (Berlin 1987) pp. 105-106; R. Mandić *Numizmatičar* No. 10 (1987) pp. 122-125.

COTE, JEAN GUY. *The CTD Pocket Guide: Canadian Trade Dollars 1988*. Scarborough, Ontario 1987. Rev. J. Remick *WCN* Vol. 14 No. 51 (22 Dec. 1987) p. 4.

CRAWFORD, M.H. *Coinage and Money Under the Roman Republic: Italy and the Mediterranean Economy*. (London, 1985). Rev. R. Reece *Antiquaries J* Vol. 67 (1987) pp. 163-164; A. Marcone *Rivista Storica Italiana* Vol. 99 (1987) pp. 524-526.

DANNENBERG, HERMANN. *Studien zur Münzkunde des Mittelalters (1848-1905)*. Leipzig 1984. Rev. W. Stegweil *Berliner Numismatische Forschungen* Vol. 1 (1987) pp. 108-109; K. Jonsson *Fornvännen* No. 1 (1988) pp. 78-79.

DUPLESSY, J. *Les trésors monétaires médiévaux et modernes découverts en France*. I. 751-1223. Paris 1985. Rev. J.D. Brand *BNJ* Vol. 56 (1986) pp. 195-197

DYER, G.P. *The Royal Mint: an illustrated history*. Royal Mint 1986. Rev. J.P.C. Kent *BNJ* Vol. 56 (1986) p. 198.

ELMER, C. *British Commemorative Medals and their Values*. London 1987. Rev. D. F(earon) *NCirc* Vol. 95 No. 8 (Oct. 1987) p. 260; *PA The Medal* No. 11 (1987) pp. 67-68.

FEARON, DANIEL. *Victorian Souvenir Medals*. Aylesbury 1986. Rev. P. Attwood *BNJ* Vol. 56 (1986) pp. 198-199.

GRIERSON, P. and BLACKBURN, M. *Medieval European Coinage, with a Catalogue of the Coins in the Fitzwilliam Museum, Cambridge, Vol. I, The Early Middle Ages (5th-10th Century)*. Cambridge 1986. Rev. D.M. Metcalf *BNJ* Vol. 56 (1986) p. 191.

GRIFFIN, R.H. *Bank of New Zealand Banknotes 1861-1934*. Wellington, 1987. Rev. J.E. Boling *NI* Vol. 22 No. 4 (April 1988) p. 93.

HAXBY, JAMES. A. and WILLEY, ROBERT C. *Coins of Canada*. Toronto 1985. Rev. J. Maciaszek *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) pp. 31-32.

HECKER, WALDEMAR and SULLIVAN, RICHARD. *Ancient Coins of the Graeco-Roman World*. Calgary, Canada 1987. Rev. H. Rauch *SAN* Vol. 17 No. 3 (June 1988) p. 61.

HENDIN, D. *Guide to Biblical Coins*. New York 1987. Rev. A. Burnett *NCirc* Vol. 95 No. 8 (Oct. 1987) p. 260.

HEWITT, V. and KEYWORTH, J. *As Good as Gold*. London 1987. Rev. P.W. *NCirc* Vol. 95 No. 9 (Nov. 1987) p. 299.

hikuin Vol. 11 (1985). Rev. B. Kluge *Berliner Numismatische Forschungen* Vol. 1 (1987) pp. 106-107.

HOUGHTON, A. *Coins of the Seleucid Empire from the Collection of Arthur Houghton*. New York 1983. Rev. L. Cancio *NCirc* Vol. 95 No. 9 (Nov. 1987) pp. 298-299.

HOWGEGO, C.J. *Greek Imperial Countermarks*. London 1985. Rev. S. Mitchell *JRS* Vol. 77 (1987) p. 219.

JASCHKE, NORBERT and MAERCKER, FRITZ PETER. *Schlesische Münzen und Mdaillen*. Ihringen 1985. Rev. B. Paszkiewicz *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 117-118.

KINDLER, ARIEL. *The Coinage of Bostra*. London 1983. Rev. H. Salamè-Sarkis *Berytus* Vol. 32 (1984) pp. 211-216; L.E. Beauchaine *SAN* Vol. 17 No. 3 (June 1988) p. 60.

KOCH, BERNHARD. *Der Wiener Pfennig*. Wien 1983 [*Numismatische Zeitschrift* Wien, Vol. 97]. Rev. B. Kluge *Berliner Numismatische Forschungen* Vol. 1 (Berlin 1987) pp. 109-110.

KRZYŻANOWSKA, ALEKSANDRA. *Monety starożytne w zbiorach Muzeum Okręgowego w Toruniu*. Toruń 1985. Rev. M.W. *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 194-195.

KUNZEL, MICHAEL. *Mecklenburgische Münzkunde 1492-1872: Münzgeschichte und Geprägekatalog*. Rev. P. Wick *NumBeitr* Vol. 20 No. 3 (1987) p. 142; B. Kluge *Berliner Numismatische Forschungen* Vol. 1 (1987) pp. 111-112.

LANE, F.C. and MÜLLER, R.C. *Money and Banking in Medieval and Renaissance Venice. I. Coins and Moneys of Account*. (Baltimore, 1985) Rev. J. Day *Studi Storici* Vol. 27 (1986) pp. 737-743; A. Stahl *NC* No. 147 (1987) pp. 194-196.

LEIMUS, IVAR. Der Münzfunde von Kose aus dem zweiten Viertel des 12. Jahrhunderts. Tallinn 1986. Rev. M.A.S. Blackburn *BNJ* Vol. 56 (1986) pp. 197-198.

LINDGREN, H.C. and KOVACS, F.L. Ancient Bronze Coins of Asia Minor and the Levant from the Lindgren Collection. San Mateo 1985. Rev. A. Burnett *NC* No. 147 (1987) pp. 191-192.

LOWICK, N.M. Siraf XV, The Coins and Monumental Inscriptions. London 1985. Rev. H.W. Brown *NC* No. 147 (1987) p. 194.

MEYER, HANS and SCHOENAWA, HARTUT. Das Papiergeld von Mecklenburg und Pommern. Werlaburgdorf 1985. Rev. B. Sikorski *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) pp. 32-33.

MIKOŁAJCZYK, ANDRZEJ. Z dziejów odkryć numizmatycznych w Polsce. Łódź 1985. Rev. E. Kopicki *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) pp. 198-199.

MILDENBERG, LEO. The Coinage of the Bar Kokhba War. Typos, Monographien zur antiken Numismatik. Vol. 6. Aarau-Frankfurt am main-Salzburg 1984. [Continuation of the reviews already listed in *NL* 115, *NL* 116, *NL* 117, *NL* 118 and *NL* 119. Rev. K. Matthiae *Theologische Literaturzeitung* Vol. 111 (1986) pp. 185-187; E. Schönert-Geiss *Klio* Vol. 69 No. 1 (1987) pp. 258-259; D. Hendin *BASOR* No. 268 (1987); D. Mannsperger *Gymnasium* Vol. 95 No. 2 (April 1988) pp. 181-183; R. Wenning *Theologische Revue* Vol. 84 No. 2 (1988) cols. 108-110.

MILDENBERG, LEO and HURTER, SILVIA. The Arthur S. Dewing Collection of Greek Coins. New York 1985. Rev. E. Schönert-Geiss *Gnomon* Vol. 59 (1987) p. 462.

NECHANICKÝ, ZDENEK and ŠAFÁŘ, OLDŘICH. Kladské mincovnictví. Hradec Kralové 1983. Rev. A. Mikołajczyk *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 118-119.

NERCESSIAN, Y.T. Armenian Numismatic Bibliography and Literature (1984). Rev. P.Z. Bedoukian *J SocArmStudies* Vol. 2 (1985-1986) pp. 202-203.

NERCESSIAN, Y.T. Bank Notes of Armenia. Los Angeles 1988. *NI* Vol. 22 No. 5 (May 1988) p. 119.

Nummus et Historia. Pieniądz Europy średniowiecznej. Warsaw 1985. Rev. BRP *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) p. 31.

PÁVÓ, ELEMÉR. Török pénzek a hódoltság kori Magyarországon [Turkish Coins Circulated in Hungary]. Budapest 1986. Rev. E. Pinske *NH* No. 39 (Berlin 1987) pp. 61-62.

PIRIE, E.J.E. The Archaeology of York 18/1: Post-Roman coins from York Excavations 1971-81. London and York 1986. Rev. M.A.S. Blackburn *BNJ* Vol. 56 (1986) pp. 191-192; H. Pagan *AntiquariesJ* Vol. 67 (1987) pp. 179-180; W. Malkus *SAN* Vol. 17 No. 3 (June 1988) pp. 50, 59.

Prace i Materiały Muzeum Archeologicznego i Etnograficznego w Łodzi - seria numizmatyczna i konserwatorska No. 2 (1982). Rev. BRP. *BN* Nos. 5-6 (May-June 1984) p. 100.

ROSE, F. MARVIN. Chopmarks. Dallas, Texas 1987. Rev. Anonymous *WCN* Vol. 14 No. 51 (22 Dec. 1987) p. 4.

SCHNELL, HUGO. Martin Luther und die Reformation auf Münzen und Medaillen. Munich 1983. Rev. L. Börner *Berliner Numismatische Forschungen* Vol. 1 (1987) pp. 112-114.

SEAR, D.R. Byzantine Coins and Their Values. 2nd edition. London 1987. Rev. P.J. Donald *NCirc* Vol. 95 No. 10 (Dec. 1987) p. 328.

Sprawozdania Numizmatyczne 1981 and 1982. Rev. BRP *BN* Nos. 5-6 (May-June 1984) p. 100.

STEGUWEIT, WOLFGANG. Geschichte der Münzstätte Gotha vom 12. bis zum 19. Jh. Weimar 1987. Rev. P. Arnold *Jahrbuch des Arbeitskreises Thüringer Münz- und Geldgeschichte 1987* (*NH* No. 33) pp. 103-106.

STOLL, HANS-JOACHIM. Die Münzschatzgefäße auf dem Gebiet der DDR von den Anfängen bis zum Jahre 1700. Weimar 1985. Rev. W. Steguweit *Berliner Numismatische Forschungen* Vol. 1 (1987) pp. 107-108; H. Dölle *NumBeitr* Vol. 20 No. 4 (1987) pp. 184-185.

STOLBERG, ERIK. Opslagsværk over danske spilleog automatmaeker. Copenhagen 1986. Rev. J. Meyer *NNUM* No. 2 (1988) pp. 32-34.

SUKIENNIK, GABRIELA. Catalogue of Ancient Coins in the Ossoliński National Institute Library, Part 1, Coins of the Roman Republic. Wrocław 1985. Rev. M.W. *BN* Nos. 5-8 (May-Aug. 1986, publ. 1987) pp. 116-117.

ŠŮLA, JAROSLAV. Obnova československé měny po druhé světové válce. Hradec Králové 1986. Rev. BRP *BN* Nos. 9-12 (Sept.-Dec. 1986, publ. 1987) p. 199.

SYLLOGE OF COINS OF THE BRITISH ISLES. Vol. 36. State Museum Berlin. Oxford 1987. Rev. N.U. Fornander *SNT* No. 1 (1988) p. 21.

UEMURA, TAKASHI. Sekai no Ginko-ken [Banknotes of the World]. Tokyo 1987. Rev. J.E. Boling *NI* Vol. 22 No. 4 (April 1988) p. 94.

UZDENIKOV, V.V. Russian Coins 1700-1917. Moscow 1985. Rev. Anonymous *WCN* Vol. 14 No. 51 (22 Dec. 1987) p. 4.

VLČEK, BOHUMIL. Nouzové papírové peníze vydané v Československé Republice v letech 1918-1939. Prague 1983. Rev. BRP *BN* Nos. 1-4 (Jan.-April 1986, publ. 1987) pp. 33-34.

OBITUARIES

BLUNT, CHRISTOPHER EVELYN (1904-1987). *NNUM* No. 1 (Feb. 1988)
p. 6 illus.

HUSZÀR, LAJOS (1906-1987). *SNT* No. 3 (1988) p. 108.

MURRAY, J.K.L. *BNJ* Vol. 56 (1986) pp. 201-203.

CORRIGENDA

NL 119-325 should be listed in the Celtic section.

NL 119-83 should be listed in the Byzantine section.

HOARD LIST

References are cited by abstract number to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

General, 33.

Greek, 135, 136, 151, 152, 160, 164, 165, 166, 178, 184, 186.

Celtic, 201.

Roman, 228, 234, 241, 243, 253, 263, 272, 280, 287, 295, 298, 299, 302, 316, 317, 330, 339.

Near and Middle East, 393, 394, 396, 427.

India, 434, 439.

Far East, 451.

Great Britain and Ireland, 477.

Western and Central Europe, 39, 518, 521, 527, 532, 534, 535, 543, 545, 554, 555, 557, 558, 570, 578, 580, 583, 595, 604, 612, 617, 620, 624, 631, 633, 637.

Eastern and Central Europe, 656, 678, 687, 705, 708.

SUBJECT INDEX

The references in this index derive from the abstracts and should not be regarded as an index to the original publications. Citations are to abstract numbers.

- Aarschot, The Netherlands 819
 'Abāssid 34, 385, 480
 Abdülhamid I 371
 Abdülmecid 398
 Absalon, Archbishop 574
 Adam Czartoryski, Duke 1015
 Adolph Friedrich III 551
 Aegeae 167
 Aegina 122
 Aelius 302
 Aesillas 126
 Aethelred II 641
 M. Agrippa 259
 Aksum 367, 369, 370
 al Muktedir, Caliph 385
 al Nasser Faraj 33
 al 'Othman 34
 Alamanni 280, 296
 Alaska, USA 821, 978, 980, 981
 Albert II 535
 Albrecht, Wallenstein 587
 Alexander I Balas 153
 Alexander the Great 125, 134, 168, 176, 177, 184
 Alexander Jannaeus 34
 Alexandria, Egypt 144, 166, 242, 262, 281
 Alexandria Troas 303
 Alexei Petrovich Romanov 936
 Algeria 382
 Almohades 419
 Alsace-Lorraine 540
 Alžbieta of Boboluski 1000
 Amay, Belgium 72
 American Israel Numismatic Association 373
 Amravati, India 432
 Amulets 383, 397, 447, 458, 944
 Anastasius 296, 349, 363
 Anastasius II Artemius 359
 Andronicus Palaeologus 364
 Androtion 121
 Anglo-Saxon 478, 479, 480, 494, 499, 504, 575, 595, 641
 Ani, Armenia 711
 Antalya, Turkey 391
 Anthenius 260
 Antioch, Syria 94, 242, 275, 365, 416
 Antiochus III 153
 Antiochus IV 33, 137, 153
 Antoninus Pius 30, 249, 263, 272, 302, 330
- Aquileia 286
 Arab-Byzantine 355
 Aradus 176
 Arakcheev, Count 742
 Arcadius 234, 240
 Ariminum 244
 Aristotle 121
 Arkat, India 435
 Arles, France 239
 Armenia 114, 377, 378, 379, 407, 408, 423
 Arsacid 418
 Arsinoë II 144
 Artemis 141
 Asad 384
 Aspendus 191
 Assyria 173
 Athens 121, 126, 172
 Atuatuca 198
 Augusta Raurica 253
 Augustus 73, 255, 281, 331
 Aurangzeb 440
 Aurelian 261, 285
 Australia 803, 806, 807, 808, 809, 810, 811, 825, 827, 829, 833, 868, 950, 956, 968, 969, 993, 1012
 Ayoubite 34
 Ayr, Scotland 955
 Ayyūbids 402
 Azerbaijan 375
- Babylon 168
 Baghdad, Iraq 390
 Baldwin II 380
 Bangladesh 1001
 Banida, India 433
 Bank of England 508
 Banking systems 9, 229, 230
 Bar Kokba 293
 Barker, May 814
 Barrett, T. 829
 Basil I 353
 Battle of Jutland 836
 Bavaria 536, 619, 699
 Bedoukian, P.Z. 66
 Belgium 72, 512, 516, 521, 542, 543, 544, 553, 556, 557, 559, 592, 593, 610, 645, 646, 647, 823, 873, 886, 891, 984, 994

- Belo, Spain 522
 Belorussia 694, 697
 Benedict XIV 11
 Berckel, Th. van 990
 Berg, J.H. 552
 Berlin, Germany 579
 Berlin, I. 900
 Bernhard of Anhalt, Duke 642
 Bernhard VII 567
 Beyer, K. 643
 Bithynia 148
 Bohemia 514, 678
 Bolivia 796
 Bologna, Italy 265
 Bosnia 658
 Boulton, Watt & Co. 792
 Boxer Rebellion 917
 Brabant, The Netherlands 512
 Bramsen, W. 449
 Brandenburg, Germany 562, 597, 624, 651
 Brasil 800
 Briot, N. 115
 Brisbane, T.M. 808
 British Columbia, Canada 992
 Bruges, Belgium 645, 984
 Brunswick, Germany 624, 884
 Bulgaria 656, 658, 676, 718
 Burma 452
- Caesarea 242
 Calabria 162
 Calcutta, India 520
 Caligula 259
 Callatis 176
 Calymna 140
 Cappadocia 148, 308, 347
 Capua, Italy 75
 Caracalla 139, 170, 272, 280, 285
 Carallia 139, 171
 Caratacus 195
 Caria 187
 Carolingian 517, 532
 Carson City, USA 766
 Carthage 211, 309, 351
 Casella, E. and N. 814
 Cassander 176
 Catalonia, Spain 532
 Catherine de Medici 931
 Caulonia 151
 Cautier, T. 824
 Cavino, G. 849, 863, 888
 Central Council of Trade Unions, Poland 15
 Ceylon 451
 Champney, G. 751
 Charles IV 692
 Charles XI 922
 Charles of Romania 415
 Charley, A. 842
 Chersonese 283
 China 443, 444, 448, 450, 451, 453, 458, 459, 464, 465, 466, 467, 468, 469, 934, 989
 Chop marks 459
 Christian IV 429
 Cilicia 114, 171, 300, 301
 Cinagli, A. 65
 Civiche Raccolte Numismatiche 93
 Civil War, USA 760
 Civil War, England 477, 497
 Civil War, Spain 977
 Claudius I 292, 302
 Claudius II Divus 271
 Claudius II Gothicus 237
 Clement VIII 11
 Cleopatra 302
 Cobs 802
 Cogan, E. 778
 Cologne, Germany 568
 Columbian Exposition, Chicago 771
 Commius 195
 Commodus 175, 264, 285, 302
 Confederacy, USA 773
 Constans 240, 312, 317, 348
 Constans II 240, 317, 355, 361
 Constantine I 235, 240, 253, 261, 271, 272, 275, 285, 290, 302, 328
 Constantine II 73, 271, 274, 312
 Constantine III 236
 Constantine IV 361, 362
 Constantine V 352
 Constantine IX 363
 Constantinople 275
 Constitution, USA 772, 901
 Convention of the Prado 820
 Cordova, Spain 376
 Corinth 192
 Cossacks 845
 Countermarks 272, 287, 294, 355, 392, 508, 576, 583, 626, 632, 658, 781, 798
 Crawford, T. 932
 Crete, Greece 366
 Crimea, USSR 405
 Croatia 700
 Croton 129, 151
 Crusades 406
 Cuba 812
 Cyprus 166, 712, 714
 Cyrene 130, 188, 189, 190
 Czaplinsky, G. 927
 Czechoslovakia 639, 678, 687, 692, 703, 726, 878, 897

- Dal'ny-Vostochny, USSR 737
 Dana, J.C. 816
 Dannenberg, H. 35
 Dannies, S. 597
 Darius III 125
 De Chaudoir, S.I. 80
 Decebalus 313
 Decentius 317
 Delaware, USA 995
 Demeter 188, 189, 190
 Demetrius II 153
 Demetrius Poliorcetes 176
 Denmark 35, 517, 524, 971
 Diadochi 163
 Diocletian 253
 Dobroudja, Bulgaria 658, 676
 Dombay, F.V. 388
 Domesday Book 488
 Domitian 263, 302, 330
 Dortmund, Germany 519, 569
 Dresden, Germany 5
 Duke of Edinburgh 825
 Dupré, A. 474, 865
 Dutch East India Co. 461
 Dvina, USSR 711

 Edgar 575
 Edward I 490
 Edward II 490
 Edward III 490
 Edward the Confessor 478, 486, 498
 Egypt 144, 145, 146, 402, 415, 952
 Einkorn, G. 548
 Eiserfeld, Germany 979
 Ekaterinburg, USSR 675
 Elagabalus 336
 Elizabeth of Russia 702
 Emergency money 625, 800, 947, 961, 975, 979
 Emporion 288
 Engelbert III 525
 England 247, 475, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 496, 497, 498, 499, 500, 502, 503, 504, 505, 506, 507, 508, 509, 510, 526, 528, 558, 641, 813, 814, 822, 837, 983, 986, 987, 988, 998, 1016, 1017, 1018
 Epaticcus 195
 Eppillus 195
 Ernest, Bavaria 592
 Errors, numismatic 2
 Estonia 604, 709, 738

 Fas, Morocco 421
 Fātimids 402

 Faustina I 263, 302
 Faustina II 249, 263
 Feast of the Candles 952
 Federation of Archaeological and Historical Societies 873
 Feodor Ivanovich 664
 Fergana, USSR 426
 Fernando VII 826
 Field, C.W. 861
 Figi 956, 1005
 Finland 623, 857, 922, 923
 Flanagan, J. 852
 Flanders 512, 556, 557, 558
 Flavians 334
 Florence, Italy 73, 530
 Forgeries 48, 101, 162, 299, 363, 431, 482, 545, 561, 643, 647, 683, 746, 829, 947, 949, 960
 Frahme, J. 585
 France 16, 521, 523, 540, 610, 614, 817, 951, 999
 Francis II 588
 Franklin, B. 770, 865
 Franklin Mint 779
 Fraser, J.E. 840
 Fraser, L.G. 869
 Frederick II 39
 French, D.C. 905
 Friedrich Ulrich, Archduke 589
 Friahmuth, H. 869
 Frisia, The Netherlands 636
 Fueter, D.C. 841

 Gadebusch, Germany 585
 Gaettens, R. 41
 Galba, 285
 Gallus 317
 Garnet Wolseley, Sir 714
 Gay, L. 814
 Genoa, Italy 530, 561
 Georg Wilhelm, Brandenburg 579
 George I 898
 George III 508
 Georgii Mikhailovich 59, 830, 941
 German Democratic Republic 5, 47, 963
 German East Africa 470
 Germany 22, 39, 43, 513, 514, 515, 518, 519, 520, 525, 535, 536, 537, 539, 545, 548, 551, 552, 562, 564, 567, 568, 569, 570, 571, 573, 576, 579, 580, 581, 582, 583, 584, 585, 586, 587, 589, 590, 591, 592, 594, 597, 615, 616, 619, 622, 624, 626, 627, 630, 631, 632, 633, 634, 635, 641, 648, 649, 651, 838, 883, 884, 887, 906, 954, 961, 962, 972, 975, 979, 991, 996, 1002

- Gervasius, P. 566
 Getes 176, 185
 Geto-Dacian 127, 155, 165, 241, 313, 314, 340
 Ghent, Belgium 823
 Gil, G.A. 871
 Gleichen, F. 814
 Godoy, M. 908
 Godunov, B. 722
 Goltzius, H. 17
 Gordian I 231
 Gordian II 231
 Gordian III 11, 318, 346
 Goslar, Germany 628
 Gotha 243, 295
 Göttingen, Germany 626
 Griliches, A.A. 895
 Griliches, A.G. 895
 Gunthamund 339
 Gustav von Sayn-Wittgenstein-Hohenstein 571
 Gwalior, India 433

 Hadrian 30, 255, 263, 264, 270, 298, 302
 Hallé, E. 814
 Hamburg, Germany 630
 Han dynasty 453, 468
 Hansen's Disease Center, USA 965
 Hapsburgs 539, 540
 Hedberg, O.H. 993
 Heiligenstadt, Germany 591
 Heinrich II 569
 Henry I 507
 Henry III 483
 Henry VIII 506, 509
 Heraclius 351, 363
 Herakles, 76
 Heredia, Maria de 824
 Herodotus 368
 Herstal, Belgium 544
 Hesse, Germany 583, 991
 Hesse-Kassel, Germany 39
 Histria 127, 156, 164
 Hohenzollern 539, 581
 Hohnstein, Germany 589
 Holtzey, J.G. 930
 Holtzhey, M. 929
 Holy Roman Empire 538
 Honorius 234
 Hungary 393, 577, 684, 686, 690, 693, 699, 867
 Huntington, A.H. 869
 Huster, V. 839

 Iasos 187
 Iconography
 American 840
 Architecture, Rome 289, 311
 Artemis 141
 Bee 611, 884, 999
 Caesarian 345
 Dionysus 300
 Dragon 49
 Elephant 215
 Geto-Dacian 155, 314
 Grain supply, Rome 255
 Herakles 76, 337, 474
 Laurel wreath 220
 Liards 619
 Liberty cap 865
 Libyan-Phoenician 214
 Mopous 191
 Mt. Argaeus 347
 Rat, Japanese 446
 Ruble (1858) 654
 Seleucus 163
 Igel, Z. 643
 Ilyin, A.A. 79
 Imitations 134, 176, 339, 393, 446, 452, 524, 568, 570, 572, 617, 641, 754, 783
 Indian Peace Medals 841, 898
 Indonesia 967
 Indo-Parthian 439
 Indo-Scythic 439
 Ingots, Chinese 469
 İnönü 953
 International Israel Numismatic Society 373
 Ioann III 937
 Iran 418
 Iraq 390
 Ireland 493, 501
 Isis 181
 Islamic 46
 Israel 33, 34, 159, 183, 326, 373
 Israel Government Coins and Medals 373
 Italy 8, 73, 74, 75, 93, 97, 527, 529, 530, 534, 554, 555, 561, 598, 608, 621, 629
 Ivan Chichman, King 656
 Iversen, Iu.B. 84

 Jacobi, A. 874
 James II, Spain 533
 James III, Scotland 30
 James III, Spain 533
 Japan 446, 449, 455
 Jewelry, Chinese 450
 Jewish 53, 293, 324
 Jewish Revolt, First 53, 293, 324
 Jin dynasty 465
 Johannes IV 349
 John IV, Hainault 610
 John of Heinsberg 563
 John Theodore, Bavaria 619

- Joseph II, Vienna 640
 Jovian 236
 Jovine, M. 901
 Jovinus 236
 Juba II 302
 Judas 53
 Julian 235
 Julio-Claudian 282, 306
 Julius Caesar 319, 325
 Justin I 358
 Justinian 312, 339, 358
 Justinian II 354, 360, 362
- Karl V 519
 Karl Eugen, Duke 883
 Karlsteen, A. 922
 Kasnakian, P. 902
 Katharine of Aragon 475
 Katharine Howard 475
 Kaunos 123
 Kettler, J. 606
 Khmelniiskii, B. 724
 Kholodkovskii 745
 Kovnica, Yugoslavia 682
 Kremnica, Czechoslovakia 911
 Krnov, Czechoslovakia 726
 Kruzenshtern, I.F. 940
 Kullrich, F. 875
 Kushan 46, 197
 Kutna Hora, Czechoslovakia 703
- Laelianus 284
 Laodicea 246
 Laos 151
 Lathrop, G. 869
 Latvia 661
 Lee, J. 892
 Legros, A. 814
 Leipzig, Germany 22
 Lelewel, J. 13
 Leo III 352
 Leopold I 519, 588
 Lex Cornelia 266
 Levon I 379
 Li Hui 448
 Library of Congress 83
 Lichavi dynasty 442
 Licinus II 285
 Liège, Belgium 521, 542, 553, 568, 592, 985
 Limoges, France 523
 Lindbergh, C. 759
 Lippe, Germany 567
 Lithuania 550, 618, 705
 Livonia 698
 Locke, J. 53
 Löddöe, Sweden 547
- Lodz, Poland 52
 Longacre, J.B. 767, 769, 932
 Loppens, K. 30
 Lothar the Saxon 628
 Louis II de Male 557
 Louis the Pious 480, 505
 Louis XIV 951, 999
 Louis XV 543, 999
 Louis XVI 543, 999
 Low Countries 511, 541, 543, 646
 Lubeck, Germany 906
 Lublin, Poland 652, 1020
 Lucania 152
 Lugdunum 236, 305, 333
 Luise Ulrika 43
 Lüneburg, Germany 630, 635
 Luni, Italy 8
 Lusignan Kings 712
 Luxembourg 531, 650
 Lycia 154
 Lyon, France 611
- Macer, C.L. 335
 Madras, India 434
 Maghreb 419
 Magna Graecia 129, 152, 169
 Magnentius 239, 317
 Mainz, Germany 594
 Mali 473
 Mallorca, Spain 533
 Mamluk 420
 Marabod 295
 Marcus Aurelius 249, 263, 272, 302
 Marius 284
 Mark Antony 263, 301, 305
 Markiewicz, J. 872
 Maroneia 180
 Marrakech, Morocco 419
 Marx, K. 77
 Mary of Burgundy 645
 Massalia 226, 227
 Masulipatnam, India 430
 Maundy-money 495
 Mauryan 46, 197
 Maximianus Galerius 281
 Maximus Tiranus 233
 Mechlin, Belgium 886
 Mecklenburg, Germany 520, 551, 584, 587, 624, 957, 975
 Mediolanum 234
 Megistos 123
 Mehmed III 414
 Meissen, Germany 514, 632
 Meroth, Israel 33, 34
 Merovingian 479, 517
 Mesopotamia 310

- Metapontum 151
 Metrology 32, 449
 Mexico 790, 791, 792, 797, 799, 801, 826, 844, 870, 871
 Michael Chichman 656
 Mieszko I 607
 Milan, Italy 529, 534, 555
 Ming dynasty 443
 Moldova
 Roman 299
 Rostock 648
 Moldavia 117, 340, 730, 747
 Monetary Law of 1905, Mexico 791
 Mongolia 460
 Mongols 408
 Montenegro 700
 Montreal, Canada 902
 Mopsus 191
 Moravia 323, 1000
 Morgan, H. 983
 Morocco 388, 419
 Moscow, USSR 12
 Moss, N. 813
 Mrohaung dynasty 436
 Mughal 437
 Mülheim, Germany 616
 Munich, Germany 564
 Muscat 387

 Nabataea 245
 Nakhodka, USSR 716
 Naples, Italy 360
 Napoleon 611
 Napoleon III 611
 Nazi 949, 964
 Neapolis 251
 Nepal 442
 Nero 262, 312
 Nervii 198
 The Netherlands 512, 521, 563, 565, 611, 612, 819
 Neustrelitz, Germany 957
 New Guinea 805
 New Jersey, USA 761
 New Orleans, USA 765
 New York, USA 762, 763, 764
 New Zealand 956
 Newark Museum, USA 816
 Newman, F. 814
 Nicholas II 728
 Nicomedes III Euergetes 148
 Ninica Claudiopolis 300
 Nordhausen, Germany 515, 590, 627, 631, 633
 Norman 479, 480, 489, 492, 528

 Novgorod 662, 723
 Numidia 212, 215, 287, 302
 Nuremberg, Germany 996

 Octavian 305
 Odessa 176
 Olba 182
 Olympic games 564, 777
 Oman 387
 Ontario Numismatic Association 933
 Oreahnikov, A.V. 6
 Ostrogoths 349
 Otto III 582
 Ottoman 371, 386, 390, 398, 403, 404, 414, 415, 888, 945, 976
 Oubeh, Afghanistan 372

 Paderborn, Germany 573
 Palatinate 536
 Palmstruch, J. 946
 Pamphylia 171, 191
 Pandosia 129
 Papal coinage 65
 Papua New Guinea 57
 Paris, France 16
 Parthian 46
 Peace of Munster 565
 Peisistratid 121
 Pepin the Short 478
 Perga 171
 Pergamon, 139, 171, 272, 331
 Persia 368, 748, 749
 Peru 794, 795
 Pescennius 242
 Peter I 59, 667, 679, 728
 Pfründt, G. 834
 Philip II, Macedonia 184, 264
 Philip II, Spain 546
 Philip the Arab 94, 310
 Philip of Alsace 559
 Philip the Bold 556
 Philipp Ernst, Schaumburg-Lippe 513
 Philippines 804
 Philopator I 301
 Philopator II 301
 Phoenicia 166
 Phrygia 231
 Piedmont, Italy 598
 Pinches, J. 894
 Pisa, Italy 73
 Pisidia 154
 Pizzaro 795
 Plate money 434

- Poland** 15, 38, 52, 70, 71, 295, 601, 602, 607, 618, 637, 638, 643, 652, 653, 704, 705, 706, 707, 750, 893, 907, 914, 915, 916, 1000, 1008, 1013, 1014, 1015, 1020
Pomerania 562, 571, 603, 1008, 1013
Pompey 301
Pôrto, Portugal 549
Portraits, Roman 170
Portugal 549, 560, 601
Postumus 298, 337
Poulin, J. 902
P.O.W.s 625, 876
Poznan, Poland 914, 947
Prague, Czechoslovakia 678, 692
Pratt, B.L. 909
Presidents, USA 889
Prince Edward Island, Canada 783, 784
Ptolemy II 128, 144
Ptolemies 146
Pyatak, E.M. 695

Qvist, G. 858

Raetia 280
Ravenna, Italy 234, 286, 330, 361
Redder, W. 22
Reichel, J.J. 85
Remi 190
Retowakii, O.F. 86
Revolution, Mexican 797
Rewa, India 433
Rhodes 123, 124, 160, 596, 701
Richard II 491
Richter, V.G. von 88
Robert of Bethune 559
Roman 159, 228, 229, 231, 241, 302, 311, 313, 340, 344
 Roman Republic 248, 278, 279, 295, 301, 304, 305, 325, 327, 335, 338, 343, 345
 Roman Imperial 11, 74, 170, 171, 233, 234, 235, 236, 237, 238, 239, 240, 245, 278, 283, 285, 290, 291, 294, 297, 298, 306, 307, 308, 310, 317, 318, 321, 322, 323, 327, 333, 334, 339, 341, 342, 347, 348
 Roman Medals 253, 272
Romania 117
Romanus IV 363
Rome, Italy 75, 234
Romulus Augustus 237
Rope, E. 814
Rostock, Germany 552, 586, 648
Russian-American Company 948, 978
Russian Society of Numismatists 87

Saalfeld, Germany 548
Sabina 263
Sage, B.G. 832
Saguntum 344
Saint-Gaudens, A. 840, 852, 932
Salomon, B. 856
Sāmānids 384
San Francisco, USA 768
San Marino 613
Sassanian 46, 418, 424
Saxon 528
Saxony 537, 597, 624, 642
Scandinavia 595, 617
Scania 574, 578, 690
Scotland 476, 955
Scholze, H. 518
Schubert, F.F. 82
Schulze, J.H. 29
Schwarzburg, Germany 622
Seals 350, 383, 397, 417, 516, 715, 992
Secundus, J. 913
Seleucus I 149, 163, 176, 839
Seleucus II 137
Seleucids 137, 138, 142, 149, 160, 161, 163
Senones 198
Septimius Severus 262, 280, 308, 310
Sequani 196
Serbia 658, 700
Seven Years' War 930
Severus 283, 322, 327
Sextus Pompey 279, 305
Shagin, A. 900
Sicily 131
Side 170, 171
Sidon 368
Siena, Italy 73
Sigismund 600
Sigismund III 652
Sijistan 424
Silesia 539, 708, 1008, 1013
Silesian Wars 929
Silistra 243, 263
Simon Maccabeus 53
Skrzyński, A. 1015
Slade School of Art 814
Smyrna 294
Société d'archéologie et de numismatique, Montreal 902
Society of Medalists 885
Solon 121
Somers, F. 823
Song dynasty 450, 469
Space flights 31
Spain 376, 496, 522, 532, 533, 546, 599, 605, 644, 977

- St. Alexander Nevsky, Order of 928
 St. Andrew 567, 689
 St. Anne, Order of 846
 St. Barthélemy 798
 St. Ladialaus 684
 St. Petersburg, Russia 725, 745, 751, 895
 St. Trond, Belgium 568
 St. Vladimir, Order of 847
 Statue of Liberty 776
 Stettin, Germany 571
 Stiévenart, M. 854
 Stillman, E. 814
 Stockholm, Sweden 683, 946
 Stothard, A.J. 892
 Stralsund, Germany 838
 Strelitz, Germany 551
 Sturm, P. 851
 Sudan 474
 Successiones 198
 Suez Canal War 887
 Sulla 266
 Sun Yat-sen 934
 Swainson, L. 814
 Swainson, M. 814
 Sweden 21, 43, 54, 394, 547, 595, 600, 604, 617, 683, 754
 Sybaris 151
 Syracuse 147
 Syria 355, 365, 381, 420

 Tachov, Czechoslovakia 687
 Tacitus 171, 285
 Tancred 416
 Tang dynasty 448
 Tarbell, E.C. 843
 Tarentum 150, 151, 152
 Tarkondimotos 301
 Tarpeia 254
 Tarquinia, Italy 527
 Tarraco 232, 343
 Tarsos 170
 Tashkent 401
 Tell Abou Danné 138
 Tessin, C. 43
 Tetricus I 271, 287
 Tetricus II 271, 287
 Texas, USA 760
 Thailand 445, 944
 Thakuri dynasty 442
 Thasos 213, 392
 Theodoric, moneyer 507
 Theodosius 74, 240, 275, 276
 Thessalonica 275
 Thirty Years War 584
 Thomsen, C.J. 35

 Thornthwaite, J.C. 833
 Thrace 176, 180, 350
 Thrasamund 339
 Thuringia, Germany 634
 Tiberias, Israel 128
 Tiberius 302, 333
 Ticinum 261
 Tiel, The Netherlands 604
 Tigranes III 377
 Titus 273, 342
 Tivissa 225
 Toinard, N. 53
 Tolstoi, F.P. 923, 939
 Tolstoi, I.I. 81
 Toronto, Canada 1003, 1004
 Tournai, Belgium 521
 Trajan 30, 245, 252, 256, 262, 263, 264, 302, 342
 Tranquebar, India 429
 Treaskow, Germany 535
 Treaskow, O. von 1014
 Trier 348
 Triumviri monetales 335
 Trumbull, J. 932
 Turkey 114, 371, 374, 391, 392, 398, 403, 406, 411, 412, 413, 414, 428
 Tver, USSR 721
 Tyre 153, 176

 Ulpia Severina 321
 Umayyad 114, 128, 312, 395, 420
 Union Monétaire Ouest Africaine 472
 Union of the Lwów Numismatists 704
 USSR 6, 81, 82, 83, 85, 86, 88, 409, 426, 654, 655, 657, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 677, 679, 680, 681, 685, 688, 689, 691, 694, 695, 696, 697, 698, 702, 705, 709, 711, 713, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 748, 749, 750, 751, 752, 753, 754, 755, 845, 846, 847, 855, 895, 896, 904, 923, 924, 925, 927, 936, 937, 938, 939, 958, 959, 966, 973, 974, 1009, 1010, 1011, 1021, 1022, 1023
 U.S. Capitol Hill Historical Society 881, 901
 U.S.S. Oregon 831
 Unna, Germany 525
 Upham, O. 831
 Urban VIII 11
 Utrecht, The Netherlands 611, 612
 Uzbekistan 409, 713

- Valentinian I 11, 74, 240
 Valentinian II 240
 Vandals 316, 339, 349
 Vasiutinskii, A.F. 938
 Växjö, Sweden 21
 Veliko, Bulgaria 718
 Venice, Italy 608, 629
 Vericus 195
 Verus 302
 Vespasian 256, 263, 272, 280, 285, 294, 302
 Victor Emmanuel 751
 Victor Emmanuel II 11, 73
 Victor Emmanuel III 73, 75
 Victoria, Queen 822
 Vietnam 15, 447, 461
 Viking Age 32, 394, 487
 Vinkem, Belgium 646
 Vladimir, Prince 727

 Walachia 117, 516
 War of 1812 890
 Warin, J. 860
 Warmia 1013
 Wazena 367
 Weert, The Netherlands 563

 Weinman, A.A. 775
 Western Samoa 956
 Wiener, J. 886
 William I 488
 William of Berg, Duke 616
 Winkler, P.P. von 60
 Wismar, Germany 576
 Wittenberg, Germany 961
 Wladyalaw, Opole 602
 World War I 470, 485, 828, 947
 World War II 949, 1005
 Worth, K. 869
 Wroclaw, Poland 70
 Wurttemberg, Germany 883

 Yan Wan 448
 Yelland, A. 806
 Yudin, G.V. 83
 Yugoslavia 682, 700

 Zambaco, M. 814
 Zamenhof, L.L. 37
 Zenon 339
 Zubov, P.V. 92
 Zürich, Switzerland 554

AUTHOR INDEX

- Acović, D. 812
 Aerts, E. 511, 512
 Akat, Y. 228
 Akbaş, I. 945
 Akdoğan, V. 371
 Albrecht, T. 513
 Album, S. 372
 Alexander, D.T. 1, 2, 373
 Alfaro Asins, C. 3, 193
 Alföldi, M.A. 121
 Amstell, M. 475
 Anaszewicz, G. 654, 655
 Andreau, J. 229, 230
 Apostol, V. 164
 Arda, T.S. 374
 Arefiev, V. 4
 Arnold, P. 5, 514
 Arnold, T. 515
 Arslan, E.A. 93
 Artsikhovskiy, A.V. 6
 Asavina, N. 7
 Ashton, N.G. 122
 Ashton, R.H.J. 123, 124
 Atak, E. 349
 Attwood, P. 813, 814
 Aulock, H. von 231
 Avdev, S. 656
 Avella Delgado, L.C. 232
 Azimova, L.A. 375
- Babai, P.G. 425
 Bagwell Purefoy, P. 815
 Bailey, D. 790
 Balaguer, A.M. 233
 Balbi de Caro, S. 234
 Baldus, H.R. 125
 Bar, M. 194
 Barcelo, M. 376
 Barnea, I. 350
 Barner Jensen, U. 429
 Barrantes Lopez, C. 217
 Barret, W.L.S. 946
 Bartkowiak, Z. 947
 Bartle, D.B. 816
 Bartoshevich, V.V. 657
 Bastien, P. 235, 236, 237, 238, 239, 275
 Batchvarov, I. 658
 Bateson, J.D. 476
 Batrina, A. 516
 Batrina, L. 516
 Bauslaugh, R.A. 126
- Bazargiuc, V. 127
 Becker, J.R. 784
 Bedoukian, P.Z. 377, 378, 379, 380
 Bekisz, J.I. 659
 Beliaikov, A.S. 660
 Belovenets, P.I. 737
 Bendall, S. 242
 Bendixen, K. 517, 817
 Benice, R.J. 981
 Benseddik, N. 240
 Ben-Tor, A. 128
 Berciu, D. 241
 Berga, T.M. 661
 Berger, F. 818
 Berggren, E.G. 662
 Berghaus, P. 518, 519, 520
 Berglund, A. 524, 663, 664, 665, 666, 667, 668, 948
 Berthier, S. 381
 Berti, R. 94
 Bertino, A. 8
 Bealy, E. 477
 Beuningen, H.J.E. van 819
 Bicknell, P. 129
 Biddle, M. 478
 Bispham, J. 479
 Black, J. 820
 Blackburn, M.A.S. 480
 Blanchard, I. 95
 Blanco Garcia, J.F. 218
 Bland, R.F. 242
 Bocquet, J.-P. 130
 Bogaert, R. 9
 Bojkova, B. 243
 Bommerez, R. 521
 Bone, A. 195
 Bonser, M.J. 480
 Boon, G.C. 481
 Bordi, M. 244
 Borja Martinez, F. 791
 Bost, J.-P. 522
 Bowsher, J.M.C. 245
 Boyce, D.W. 821
 Brabich, B.M. 246
 Brady, J.D. 669
 Brand, J.D. 482, 523
 Breen, W. 756
 Brekke, B.F. 524, 670, 671
 Brickstock, R.J. 247
 Brinkman, W. 525
 Brinkmann, C. 803
 Brouillette, P. 982

- Brown, L. 822
 Brunk, G.G. 781
 Buchet, A. 823
 Budzilovich, G.N. 672
 Buffagni, M. 94
 Bulatovich, S.A. 10
 Burke, B. 949
 Burnasheva, R.Z. 673
 Burnett, A.M. 195, 242, 248, 526
 Butcher, K. 249
 Butnariu, V. 250
 Buzdugan, C. 164
 Bykov, A.V. 96

 Cacamo Caltabiano, M. 132, 251
 Cadenat, P. 252, 382
 Cahn, H.A. 253
 Calciati, R. 131
 Campo, M. 133
 Cancio, L. 824
 Cantrell, C. 1005
 Carlisle, L.J. 825
 Carlton, W. 254, 255
 Carpenter, D. 483
 Carradice, I. 256
 Carrano, C. 97
 Carson, R.A.G. 257
 Carta, M. 258
 Carter, G.F. 259
 Carter, M. 757
 Caseria, J. 443
 Casey, P.J. 260
 Cassandro, T. 11
 Castan, C. 826
 Catalli, F. 527
 Cauet, S. 98
 Cauwenberghe, E. Van 511, 512
 Chapman, J. 827
 Charitonov, C. 134
 Charlton, J.E. 782
 Chatt, J. 828
 Chaves, F. 522
 Ch'en, H.H. 444
 Chernyi, B.Ia. 109
 Chiaravalle, M. 261, 598
 Chiesa, F. 325
 Chown, J. 528
 Christiansen, E. 262
 Christov, E. 263
 Cioflan, T. 264
 Cipolla, C.M. 529, 530
 Clayton, P.A. 983
 Clements, S. 12
 Cochran, B. 758, 759
 Colace, P. 132
 Colaert, M. 13, 14

 Colonna, G. 265
 Constantinescu, Gr. 264
 Cooper, E.K. 760
 Cowell, M. 256
 Cresswell, O.D. 445
 Cribb, J. 446
 Croisé, R. 531
 Crook, J.A. 266
 Crummy, N. 267
 Crusafont I Sabater, M. 532, 533
 Czernski, M. 15

 Dalle Vegre, A. 534
 Dalquest, J. 830
 Damati, E. 33, 34
 Danis, R.V. 831
 Dannenberg, H.-D. 535
 Darnis, J.-M. 16
 Davenport, J.S. 484, 485, 536, 537, 538, 539, 540
 Davidovich, E.A. 99, 674
 Davies, J.A. 268
 Dawson, A. 832
 Dawson, D. 269
 De Baeck, P. 951
 Dean, G.D. 833
 Dehn, R. 196
 Dekesel, C.E. 17
 Delgrange, D. 984
 Demey, J. 541
 Demmeni, M. 675
 Dengis, J.-L. 542, 543, 544, 545, 985
 Depeyrot, G. 522
 Derek, J. 383
 Dethlefs, G. 834
 Dewey, W.S. 761
 Diaconu, P. 676
 Dimitrov, K. 135
 Dobrovol'skaia, L.I. 677
 Dobrovol'skaia, M.A. 835
 Dobrovol'skiĭ, I.G. 18, 384, 385
 Domaradski, M. 136
 Domingo Sellart, F. 546
 Donald, P.J. 351, 352, 353
 Dopita, J. 678
 Dornfest, W.J. 762, 763, 764
 Doty, R.G. 792
 Dovutov, D. 19
 Doyen, J.-M. 98, 137, 138, 139, 197, 198, 270, 271, 272, 273, 274
 Druart, J. 386, 470
 Du Quesne Bird, N. 387
 Dubov, I.V. 18
 Duksa, Z. 20
 Durov, V.A. 100, 679
 Durr, N. 275

Dus, R. 140
 Dutsmane, K. 91
 Dutton, P. 836
 Dym, K.A. 793
 Dziubiński, A. 388

Eisermans, J.F.M. 952
 Ekre, R. 547
 El Khatib, N. 276
 Elmer, C. 837
 Ender, C. 389, 953
 Endrusseit, B. 838
 Ercolani Cocchi, E. 277
 Ertürk, K. 390
 Erüreten, M. 391
 Erzmann, H. 548
 Esteva I Cruañas, LL. 278
 Evans, J.D. 279

Fatia Vital, N. 549
 Fedorov-Davydov, G.A. 680
 Felsch, R.C.S. 141
 Fengler, H. 954
 Fernandez Rodriguez, M. 219
 Filipow, K. 550
 Findeisen, W. 392
 Finetti, A. 101
 Fischer, T. 142, 143, 280, 839
 Flatt, H.P. 794
 Flemming, H. 551
 Fomin, A.V. 393, 681
 Foraboschi, D. 144
 Förchner, G. 281
 Foster, J. 783
 Franke, S. 552
 Freeman, A. 486
 Frère, H. 553
 Freundlich, A.L. 840
 Fried, W. 22
 Fuchs, W. 682
 Fuld, G.J. 841

Gagoshidze, Iu.M. 102
 Gaidukov, P.G. 23
 Gainor, J.R. 282
 Galloway, A. 447
 Gambogi, P. 73, 74
 Gamby, E. 683
 Gara, A. 145, 146
 Garcia Garrido, M. 199, 220
 Garraffo, S. 147
 Gedai, I. 684
 Geiger, H.-U. 554
 Gelichi, S. 555
 Ghyssens, J. 556, 557, 558, 559
 Gibb, A. 955

Giedroyc, R. 24
 Gil Farres, O. 795
 Gilbert, J.R. 986
 Gilboy, F. 796, 804
 Gilevich, A.M. 283
 Gilliland, C. 842, 843
 Gilljam, H. 284
 Gimeno, J. 844
 Ginzburg, G.I. 25
 Girard, S. 212
 Girardo, G. 845, 846, 847
 Gleim, A.F. 848
 Glew, D.G. 148
 Göbl, R. 26
 Goddard, J. 285
 Golenko, V.K. 27, 149
 Gomes, A. 560
 Gorini, G. 286, 849
 Gornung, M.B. 471, 685
 Gorol, E. 850
 Gottfried, M. 28
 Gottschalk, J. 29, 41
 Graff, Y. 200
 Graham, R.J. 784
 Graham-Campbell, J. 487
 Grant, M. 216
 Grendi, E. 561
 Grierson, P. 354, 488
 Griffin, R.H. 956
 Groenendijk, H.A. 430
 Gromotka, G.E. 355
 Grosskopf, H. 562
 Grothausen-Van Gansbeke, M.-H. 30
 Grund, R. 851
 Guery, R. 287
 Gugushvili, V.P. 103
 Guillot Olivella, R. 288
 Guruleva, B.B. 356
 Guzzetta, G. 150, 151, 152
 Gvaberidze, T.M. 102

Hagley, S.V. 805
 Hahn, W. 357
 Hancock, S.L. 987
 Hannemann, W. 957
 Hardaker, T. 431
 Harris, E.J. 489, 490, 491, 492
 Hartal, M. 153
 Hassler, D.J. 852
 Hebert, R.J. 154, 958
 Heino, R. 853
 Henderson, L. 806
 Hendrickx, M. 563
 Hennebert, A. 854
 Henrik, I. 564
 Herfurth, D. 855

- Hermann, I. 686
 Herneshen, R. 31
 Hershend, F. 32
 Hershey, R.E. 988
 Hiernard, J. 522
 Hildebrandt, H.J. 221
 Hill, P.V. 289
 Hollink, G. 989
 Houtman-De Smedt, H. 565
 Hovén, B.E. 394
 Hus, M. 687
 Hyötyniemi, Y. 566

 Ibrahim, M. 45, 46
 Ibrahim, T. 395
 Ihl, H. 567
 Ihlenfeldt, H. 551
 Ilan, Z. 33, 34
 Iliescu, O. 155, 290
 Ilisch, P. 568, 569, 570, 571, 572, 573
 Ionnikoff, A. 688, 689
 Iosifaru, M. 241
 Isermann, P. 580
 Ismailova, N.S. 322
 Iuga, G. 156
 Ivochkina, N.V. 959

 Jakubzik, U. 856
 Järvinen, D. 857, 858
 Jensen, J.S. 35, 449, 574
 Jewell, R. 859
 Jones, M. 860
 Jonsson, K. 575, 690
 Juel-Jensen, B. 367
 Julian, R.W. 691, 765, 766, 767, 768, 769, 861.
 Jundziłł, J. 291
 Jurion, F. 819
 .
 Kagan, Iu.D. 862
 Kahnt, H. 576
 Kalinin, B.A. 36
 Kalus, L. 396, 397
 Kamentseva, E.I. 104
 Karyshkovskii, P.O. 105, 157, 158
 Kavka, F. 692
 Kay, M. 37
 Kazimír, Š. 693
 Kelly, T. 368
 Kenis, Y. 990
 Kennedy, E.K. 784
 Kenny, M. 493
 Kenyon, R.F. 292
 Kerestecioglu, K. 398
 Khairy, N. 399

 Kiersnowski, R. 38
 Kindler, A. 159
 Kiss, I. 577
 Klawans, Z.H. 863
 Kliemann, K.G. 864
 Kloner, A. 293
 Klose, D.O.A. 294
 Kluge, B. 494, 578, 579, 580, 581, 582
 Klüssendorf, N. 39, 201, 583, 991
 Kochnev, B.D. 384, 400, 401
 Kolendo, J. 295
 Kolobova, I.N. 694
 Koppatz, J. 960
 Koretsky, V. 695, 696
 Korshak, Y. 865
 Kosmylev, V.S. 697
 Kosolapov, A.I. 106
 Kostaluk, T.A. 770
 Kotliar, N.F. 107
 Kouame, L.N. 472, 961
 Kovács, G. 866
 Kovács, L. 393
 Kovásznai, V. 867
 Kozlov, A.V. 40
 Kromann, A. 449
 Kühne H. 961
 Kulkarni, P.P. 432, 433
 Kunzel, M. 41, 584, 585, 586, 587
 Kurbanov, G.N. 42
 Kuteliia, T.C. 102

 La Marre, T. 771
 Lacam, G. 296
 Lachman, S. 402, 403, 404
 Laenens, C. 297
 Lagerqvist, L.O. 43
 Lagos, L. 797
 Lallemand, J. 298, 299
 Lane, P. 868
 Lange, O. 300, 301
 Lasser, J.R. 772
 Lauerwald, P. 589, 590, 591
 Lautz, T. 434
 Lefmus, I. 108, 698
 Lemant, J.-P. 139, 198, 272
 Lenoir, E. 276
 Lenoir, M. 276
 Lenoir, P. 200
 Leotti, E.J. 869
 Leachhorn, W. 160
 Leaman, Iu.M. 109
 Leveau, Ph. 302
 Lhomme, D. 592, 593
 Li, C. 450
 Li, J. 467
 Lietz, E. 110

- Lingen, J. 435
 Link, E. 594
 Link, R. 531
 Linke, W. 962
 Lips, H. 495, 496
 Lopez de Lerena, J. 870, 871
 Lopez Fernandez, F.J. 219
 Lopez Sanchez, P. 202
 Loÿe, G. De 44
 L'vov, M. 696
- MacDonald, D.J. 303
 MacDowall, D.W. 45, 46, 161
 Maciaszek, J. 872
 MacKenzie, K.M. 405
 Mader, J. 47, 963
 Malkin, D. 992
 Malmer, B. 595
 Mályusz, E. 699
 Mandić, R. 700
 Manfredi, L.I. 213
 Mannucci, F. 596, 701
 Marek, V. 304
 Mariën, M.E. 873
 Markov, A. 702
 Marowsky, K. 874
 Marquardt, W. 964
 Marr, D.F. 965
 Marsh, M.A. 875
 Marshak, M.B. 966
 Martin, G. 597
 Martini, R. 48, 305, 306, 534, 598
 Maslennikov, A.A. 27
 Mastelloni, M.A. 162
 Matelli, E. 163
 Mateu Y Lloria, F. 599
 Mathieu, F. 198
 Mayhew, N.J. 476, 497
 Mays, M. 208
 McCarl, H.M. 773
 McClure, D.L. 49
 McDowell, C.P. 876, 877
 McNeice, R.V. 993
 Medrano Marques, M.Ma. 111
 Meert, C. 994
 Mękicki, J. 50, 703, 704
 Mel'nikova, A.S. 51, 600
 Metcalef, D.M. 207, 406, 498, 499, 500
 Metcalf, W.E. 259, 307, 308, 357, 358
 Mikołajczyk, A. 52, 451, 601, 602, 705, 706, 707, 708
 Millar, S.A. 879
 Miller, W.T. 995
 Miłosz, B. 603
 Minc, H. 53
 Mira, W.J. 807
- Mirzoeva, V.A. 103
 Mitchiner, M.B. 436, 452, 996
 Mitrea, B. 164, 165, 241
 Molloy, A. 943
 Molvôgin, A. 604
 Molvygin, A. 709
 Moncure, H.B. 880
 Morice, D. 997
 Mørkholm, O. 166, 167
 Morrissey, S. 881
 Mortimer, C. 996
 Mostecky, H. 309
 Moulakis, C.M. 359
 Mrowiński, E. 606, 607
 Mueller, R.C. 608
 Mukha, M.V. 501
 Mull, J.P. 882
 Munro-Hay, S.C. 369, 370
 Musakaeva, A. 710
 Müseler, W. 168
 Mushegian, Kh.A. 407, 408, 711
- Nader, A.F. 967
 Naïmark, A.I. 409
 Nanjing B. 453
 Nash, D. 203
 Naster, P. 310
 Nastich, V.N. 410
 Nathorst-Böös, E. 54
 Nau, E. 883
 Needleman, S.B. 998
 Nef, C. 610
 Nenci, G. 169
 Nicholson, A.L. 968, 969
 Nicu, M. 186
 Nivaille, J. 611, 884, 999
 Noble, J.V. 885
 Nohejlová-Prátová, E. 55
 Nollé, J. 170, 171
 Nollomont, L. 204, 205, 612, 613
 Noonan, T.S. 112
 Northover, J.P. 499
 Nowakowski, A. 56
 Nutbourne, E.R. 502
 Nuyttens, M. 886
- Obdenbusch, A. 614
 Oeconomides, M. 172
 O'Hara, M.D. 360, 361, 362, 363
 Ölçer, C. 411, 412, 413, 414, 415, 887
 Olding, M. 615
 Olrog, F. 798
 Opitz, C.J. 57
 Ossmann, F.H. 616
 Ostale, M. 206
 Östergren, M. 617

- Paniagua Berrocal, S. 217
 Panvini Rosati, F. 311
 Parise, N.F. 173
 Parker, S.T. 58
 Paszkiewicz, B. 1000
 Patrich, J. 312
 Payton, M. 970
 Paz Garcia-Bellido, M. 174, 214
 Pearce, R.F. 1001
 Pellicer I Bru, J. 113, 222
 Pera, R. 175
 Perkowski, J.L. 59
 Pesant, R. 416, 888
 Pessolano-Filos, F. 889
 Peters, D.I. 890
 Petersen, B.A. 799
 Petersen, E. 799
 Philippen, J. 891
 Pickup, D. 892
 Pieratt, J.L. 454
 Piette, J. 198
 Pigłowska, Z. 893
 Pinches, J.H. 894
 Pinder-Wilson, R. 417
 Piniński, J. 618
 Pitsaer, A. 619
 Pitsillides, A.G. 712
 Plumb, J.B. 60
 Pohl, I. 258
 Poklewski, T. 56
 Polchaninoff, R. 61, 895, 896
 Pollard, A.M. 996
 Portugali, Y. 128
 Posselt, G. 971
 Potin, V.M. 62, 63, 620
 Potter, G.R.L. 64
 Potter, T.W. 240
 Preda, C. 313, 314
 Pridmore, F. 828
 Prober, K. 800
 Procházka, V. 897
 Prokisch, B. 418
 Ptaszyński, J. 972
 Punshi, S.K. 437

 Quarcoopome, E.N. 898

 Ragogna, M. 621
 Ramirez Bernal, L. 801
 Rampling, D.J. 808
 Rech, M. 1002
 Reid, D. 899
 Reikat, A. 473
 Reiter, E. 774, 775, 900, 901
 Remick, J. 776, 902, 1003, 1004

 Reynolds, R.H. 903
 Rezak, I.L. 904
 Rhodes, N.G. 438, 455, 456, 457
 Richard, J.-C. 522
 Richman, M. 905
 Richter, E. 973
 Ripolles, P.P. 315
 Ritchie, C.I.A. 458
 Robinson, M. 944
 Röblitz, G. 622
 Rochette, E. 777
 Rodgers, K.A. 1005
 Röhl, H. 906
 Romdhane, B. 419
 Rosati, G. 73, 74
 Rościszewski, J.E. 907
 Rose, F.M. 459
 Rose-De Viejo, I. 908
 Rosenberg, L. 974
 Rossi, R. 65
 Rotter, G. 420
 Rousséva, B. 176, 177
 Rtveladze, È.V. 713
 Russo, F. 94
 Russo, G. 94

 Sachse, J. 975
 Saenz De Burruaga Blazquez, J.A. 223
 Saenz De Urturi Rodriguez, F. 223
 Saenz-Diez, J.I. 421
 Salama, P. 316, 317
 Sallery, R.D.H. 178
 Salvesen, H. 1006, 1007
 Sam, C.P.K. 909
 San Vicente, J.I. 224, 318
 Santamas, M.L. 714
 Sári, S. 422
 Sarkisian, G.V. 910
 Sarvas, P. 623
 Saryan, L.A. 66, 114, 423
 Scheers, S. 319
 Schienerl, P.W. 474
 Schillerová, J. 911
 Schley, G. 624
 Schmidt, A. 1008
 Schmitz, W. 179, 320
 Schönert-Geiss, E. 180
 Schrock, U.E.G. 625, 626, 627
 Schulte, B. 628
 Seaby, P. 503
 Sear, D.R. 321
 Sears, S. 424
 Sedwick, F. 802
 Sedykh, V.N. 18
 Selfeddini, M.A. 322, 425
 Sejbal, J. 323

- Sellwood, D. 115
 Sellwood, L. 207, 208
 Semenova, T.B. 67
 Senior, R.C. 439
 Serafin Petrillo, P. 94
 Severova, M.B. 428
 Sfameni, G. 181
 Shah, D. 440, 441
 Shandrovskaia, V.S. 715
 Sharples, J. 809, 810
 Shchukina, E.S. 912
 Shein, R.V. 460
 Shishkin, A.P. 1009, 1010, 1011
 Shpeneva, L.Iu. 426
 Shust, R.M. 716
 Siewert, P. 141
 Sikoraki, B. 1013
 Simon, H. 427
 Simonetta, B. 325
 Simonov, R.A. 717
 Sinchuk, I.I. 116, 718
 Singatullina, A.Z. 68
 Slepova, T.I. 719
 Smirnov, M.I. 720
 Smolderen, L. 913
 Sokolova, I.V. 364
 Sotnikova, M.P. 721
 Spasskii, I.G. 722, 723, 724, 725
 Squevin, B. 198
 Staffieri, G.M. 182
 Stahl, A.M. 629
 Stahl, Z. 183, 326
 Stahr, M. 914, 915
 Stannard, C. 327
 Stefke, G. 630
 Steguweit, W. 631, 632, 633
 Steinecke, H. 634
 Steinle, E.W. 778
 Stevenson, R.B.K. 504
 Stewart, B.H.I.H. 328
 Stewart, I. 505, 506
 Stoess, C. 635, 636
 Stoitcheva-Teoklièva, E. 184
 Stoliarik, E.S. 329
 Stoppioni, M.L. 330
 Strzałkowski, J. 916
 Stucchi, S. 331
 Suceveanu, Al. 332
 Suchodolski, S. 637, 638
 Sussman, D. 779
 Sutherland, H. 333
 Svintsova, G.K. 69
 Svobodová, D. 639, 640, 726
 Sweeny, J.O. 917
 Symons, D. 507
 Szwagrzyk, J.A. 70
 Szymański, J. 71, 991
 Szymański, Z. 1014
 Szyskin, A. 1015
 Taelman, J. 646
 Talvio, T. 641, 727, 918, 919, 920, 921, 922, 923, 924, 925, 948
 Tameanko, M. 334
 Tau, S. 186
 Tayman, B.D. 841
 Teodor, S. 185, 186
 Tepper, Y. 293
 Thirion, E. 72
 Thirty, J.-C. 335
 Thompson, G.R. 336
 Thompson, R.H. 1016
 Thormann, H. 642
 Thys, M. 337
 Todd, R. 365
 Toledano, R. 926
 Tondo, L. 73, 74, 187, 338
 Tolen, T. 927
 Toporkov, Y. 928
 Torcoli, B. 598
 Totushek, T.J. 728, 729
 Travaini, L. 75
 Treves, J. 976
 Triller, E. 643
 Tsotseliia, M.B. 102
 Tsougarakis, D. 366
 Tumosa, C. 117, 730, 731, 732
 Turcan, R. 287, 339
 Turro I Martinez, A. 644, 977
 Tuttle, A.A. 118
 Uhl, T. 979
 Ursachi, V. 340
 Uzenikov, V.V. 733, 734, 735, 736
 Vajna, E. 534
 Vallet, G. 169
 Van Aelst, A. 461
 Van Cauwenberghe, E. 511, 512
 Van Den Broeke, L. 645
 Vandenberghe, S. 646
 Van Der Meer, G. 929, 930
 Van Heesch, J. 341
 Vanhoudt, H. 647
 Van Roy, A. 342
 Vannacci Lunazzi, G. 209
 Veillon, M. 931
 Vermeule, C. 932
 Vilaret I Monfort, J. 278
 Viliubakhov, G.V. 737
 Villaronga, L. 199, 210, 225, 226, 227, 343, 344

- Viner, D. 497
Virk, W. 648
Vlack, R. 119, 668
Voaden, R.N. 933
Voisin, J.-L. 215, 345
Volkart, B. 780
Vollkommer, R. 76
Von Kleist, C.-E. 442
Von Winkler, P.P. 738
Vort-Ronald, M.P. 811
- Waerzeggers, R. 346
Waha, M. De. 819
Wallace, S.S. 508
Wang, C.-Y. 934
Warimont, J. 200
Webb-Ware, T.G. 509
Weiller, R. 649, 650
Weiss, P. 347
West, W.O. 935
Weyl, A. 651
White, D. 188, 189, 190
Whittet, T.D. 1017, 1018
Wilford, K.D. 462
Willey, R.C. 510, 785, 786, 787, 788, 789, 1019
Willing, G. 77
Wilski, H. 392
Wiséhn, I. 54
Wojtulewicz, H. 652, 1020
Wright, R. 463
- Xu, W. 464
- Yan, J. 465
Yeoman, R.S. 78
Yih, T.D. 466
- Zacharias, W. 979
Zaginailo, A.G. 120
Zahariade, M. 332
Zahle, J. 191
Zander, R. 60, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 668, 671, 731, 732, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 936, 937, 938, 939, 940, 941, 942, 948, 980, 1021, 1022, 1023
Zavorotnaia, L.A. 89
Zedelius, V. 348
Zefmal', E.V. 90
Zervos, O.H. 192
Zevi, F. 258
Zhang, L. 467
Zhang, X. 468
Zheng Y. 469
Zhukov, K.A. 428
Zobinia, V. 91
Zubova, N.V. 92
Życiński, S. 653



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